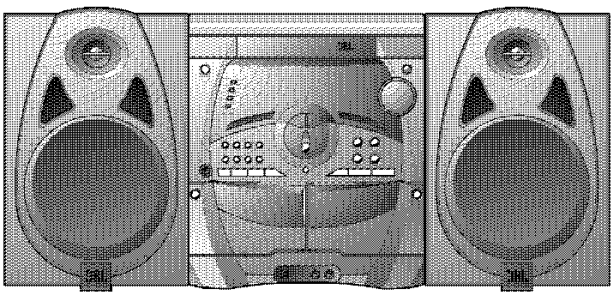
JBL Soundgear Series

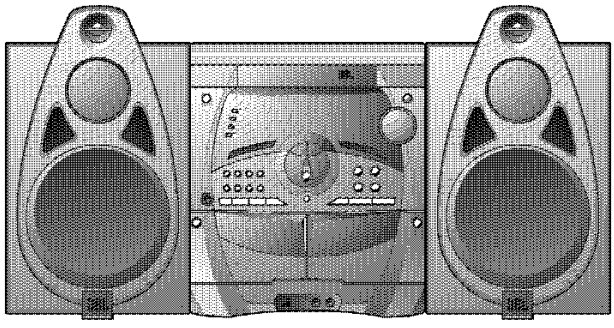
SG2020 SG3030

3 CD Changer Hi-Fi System

PRELIMINARY SERVICE MANUAL



(SG2020)



(SG3030)

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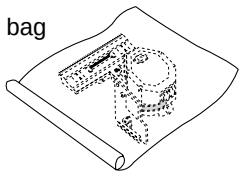
SERVICING PRECAUTIONS

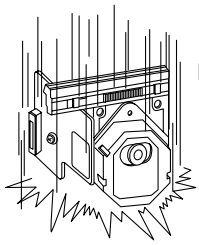
NOTES REGARDING HANDLING OF THE PICK-UP

1. Notes for transport and storage

1) The pick-up should always be left in its conductive bag until immediately prior to use.
2) The pick-up should never be subjected to external pressure or impact.

Storage in conductive bag

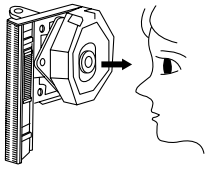




Drop impact

2. Repair notes

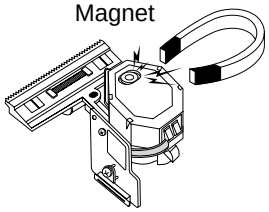
1) The pick-up incorporates a strong magnet, and so should never be brought close to magnetic materials.
2) The pick-up should always be handled correctly and carefully, taking care to avoid external pressure and impact. If it is subjected to strong pressure or impact, the result may be an operational malfunction and/or damage to the printed-circuit board.
3) Each and every pick-up is already individually adjusted to a high degree of precision, and for that reason the adjustment point and installation
screws should absolutely never be touched.
4) Laser beams may damage the eyes!
Absolutely never permit laser beams to enter the eyes!
Also NEVER switch ON the power to the laser output part (lens, etc.) of the pick-up if it is damaged.

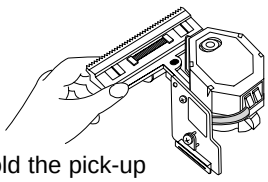


NEVER look directly at the laser beam, and don't let contact fingers or other exposed skin.

5) Cleaning the lens surface
If there is dust on the lens surface, the dust should be cleaned away by using an air bush (such as used for camera lens). The lens is held by a delicate spring. When cleaning the lens surface, therefore, a cotton swab should be used, taking care not to distort this.

Magnet

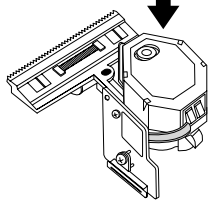


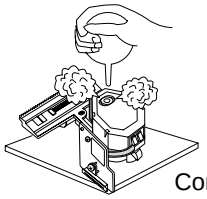


How to hold the pick-up

Pressure

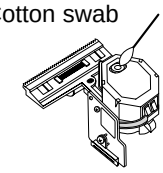
Pressure





Conductive Sheet

Cotton swab



6) Never attempt to disassemble the pick-up.
Spring by excess pressure. If the lens is extremely dirty, apply isopropyl alcohol to the cotton swab. (Do not use any other liquid cleaners, because they will damage the lens.) Take care not to use too much of this alcohol on the swab, and do not allow the alcohol to get inside the pick-up.

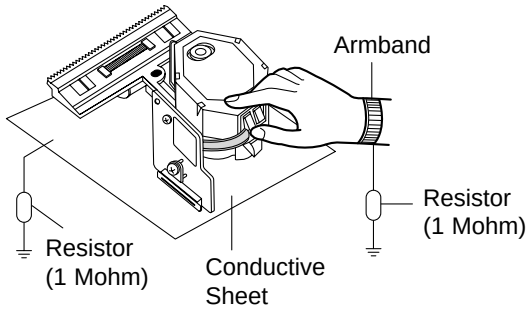
NOTES REGARDING COMPACT DISC PLAYER REPAIRS

1. Preparations

1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.
2) The pick-up is composed of many optical components and other high-precision components. Care must be taken, therefore, to avoid repair or storage where the temperature of humidity is high, where strong magnetism is present, or where there is excessive dust.

2. Notes for repair

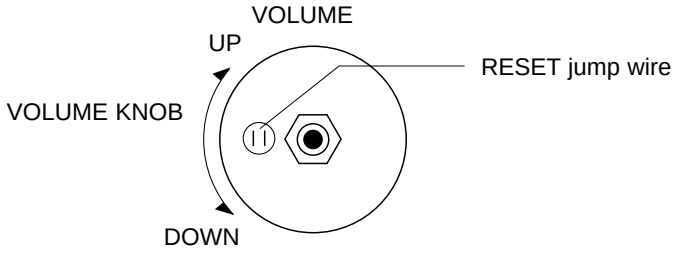
1) Before replacing a component part, first disconnect the power supply lead wire from the unit
2) All equipment, measuring instruments and tools must be grounded.
3) The workbench should be covered with a conductive sheet and grounded.
   When removing the laser pick-up from its conductive bag, do not place the pick-up on the bag. (This is because there is the possibility of damage by static electricity.)
4) To prevent AC leakage, the metal part of the soldering iron should be grounded.
5) Workers should be grounded by an armband (1MΩ)
6) Care should be taken not to permit the laser pick-up to come in contact with clothing, in order to prevent static electricity changes in the clothing to escape from the armband.
7) The laser beam from the pick-up should NEVER be directly facing the eyes or bare skin.



CLEARING MALFUNCTION

You can reset your unit to initial status if malfunction occur(button malfunction, display, etc.).
Using a pointed good conductor(such as driver), simply short the RESET jump wire on the inside of the volume knob for more than 3 seconds.
If you reset your unit, you must reenter all its settings(stations, clock, timer)

NOTE: 1. To operate the RESET jump wire, pull the volume rotary knob and release it.
2. If you wish to operate the RESET jump wire, it is necessary to unplug the power cord.



ESD PRECAUTIONS

Electrostatically Sensitive Devices (ESD)

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will by installed.

CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

SPECIFICATIONS

SECTION	SG2020	SG3030
AMP		
Output Power	65W+65W (6Ω, 2ch, T.H.D 10%)	30W+30W (6Ω, 2ch, T.H.D 10%)
Woofer		60W+60W (6Ω, 2ch, T.H.D 10%)
Frequency Response(MAIN)	40~25,000 Hz	200~25,000 Hz
Frequency Response(Woofer)		45~120 Hz
Signal-to-Noise Ratio	83dB	83dB
Tuner		
FM		
Tuning Range(OPTICAL)	87.5 ~ 108 MHz	87.5 ~ 108 MHz
Intermediate Frequency	10.7 MHz	10.7 MHz
Signal-to-Noise Ratio	61/58 dBA	61/58 dBA
(Mono/Stereo, 98MHz)		
Frequency Response	60~10,000 Hz	200~10,000 Hz
AM(MW)		
Range(OPTICAL)	522~1,611 kHz or 530~1,720 kHz	522~1,611 kHz or 530~1,720 kHz
Intermediate Frequency	450 kHz	450 kHz
Frequency Response	100~2,000 Hz	200~2,000 Hz
SW(OPTICAL)		
Tuning Range	5.8~18.0 MHz	5.8~18.0 MHz
Intermediate Frequency	450 kHz	450 kHz
Signal-to-Noise Ratio(11MHz)	35 dB	35 dB 3
LW(OPTICAL)		
Tuning Range	153~281 kHz	153~281 kHz
Intermediate Frequency	450 kHz	450 kHz
Signal-to-Noise Ratio(11MHz)	28 dB	28 dB
CASSETTE DECK		
FF, REW Time (C-60)	120 sec.	120 sec.
Frequency Response	125~8,000 Hz	250~18,000 Hz
Signal-to-Noise Ratio	43dB(P/B), 43dB(R/P)	43dB(P/B), 43dB(R/P)
Channel Separation	50dB(P/B), 45dB(R/P)	50dB(P/B), 45dB(R/P)
CD		
Frequency Response	40~18,000 Hz	200~8,000 Hz
Signal-to-Noise Ratio	70 dB	70 dB
GENERAL		
Power Requirements	Refer to the back panel of the unit.	Refer to the back panel of the unit.
Net Dimensions(WxHxD)	273 x 326 x 344 mm	273 x 326 x 344 mm
Net Weight	? kg	? kg
Speaker System		
Type	Bass Reflex 2 Way 3 Speaker System	Bi AMP (Main Speaker, Super Woofer) 3 Speaker System
Impendance	6Ω	6Ω
Frequency Response(MAIN)	60~20,000 Hz	140~20,000 Hz
Sound Pressure Level(MAIN)	85 dB/W(1m)	90 dB/W(1m)
Rated Input Power(MAIN)	65 W	30 W
Rated Input Power(SUPER WOOFER)		60 W
Max. Input Power(MAIN)	130W	60 W
Max. Input Power(SUPER WOOFER)		120 W
Net Dimensions(WxHxD)	220 x 326 x 252 mm	220 x 372 x 252 mm
Net Weight	? kg	? kg

: EUROPE : UL

NOTE: Designs and specification are subject to change without notice for improvement.

ADJUSTMENTS

This set has been aligned at the factory and normally will not require further adjustment. As a result, it is not recommended that any attempt is made to modificate any circuit. If any parts are replaced or if anyone tampers with the adjustment, realignment may be necessary.

IMPORTANT

1. Check Power-source voltage.
2. Set the function switch to band being aligned.
3. Turn volume control to minimum unless otherwise noted.
4. Connect low side of signal source and output indicator to chassis ground unless otherwise specified.
5. Keep the signal input as low as possible to avoid AGC and AC action.

TAPE DECK ADJUSTMENT

1. AZIMUTH ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for
A Deck Playback	MTT-114	Speaker Out	DECK Screw Azimuth Screw	Maximum
B Deck Playback	MTT-114	Speaker Out	Azimuth Screw	Maximum

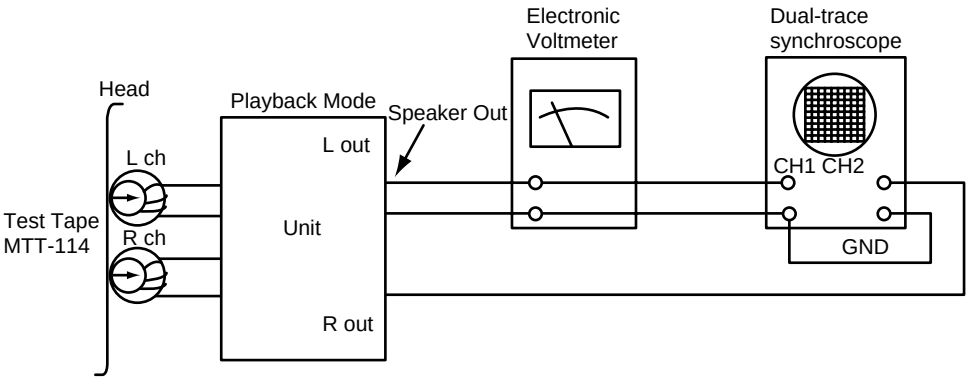


Figure 1. Azimuth Adjustment Connection Diagram

2. NORMAL SPEED ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for	Remark
Normal Speed	MTT-111	Speaker Out	VR201	3kHz ± 1%	A Deck
Hi-Speed	MTT-111	Speaker Out	more than 5.4kHz		Hi-Speed Dubbing Mode

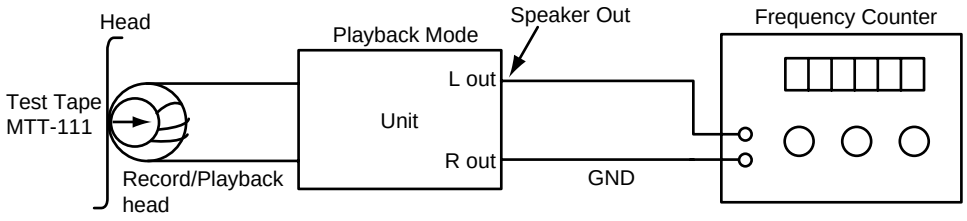


Figure 2. Normal Speed Adjustment Connection Diagram

3. RECORD BIAS ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for
Rec/Pause	MTT-5511	ERASE HEAD WIRE(PN402)	L201	60kHz±5kHz (Auto-stop) 85kHz±5kHz (Auto-Reverse)

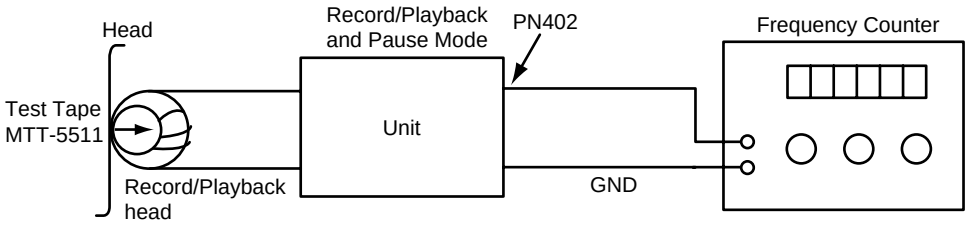


Figure 3. Record Bias Adjustment Connection Diagram

4. TUNER ADJUSTMENT

Item	Test Point	Adjustment	Adjust for
DC Voltage	Checker Pin	TP101, 102	0V±50mV

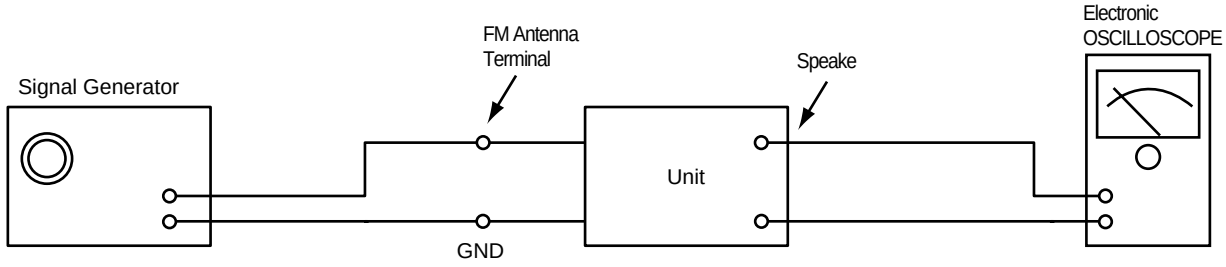
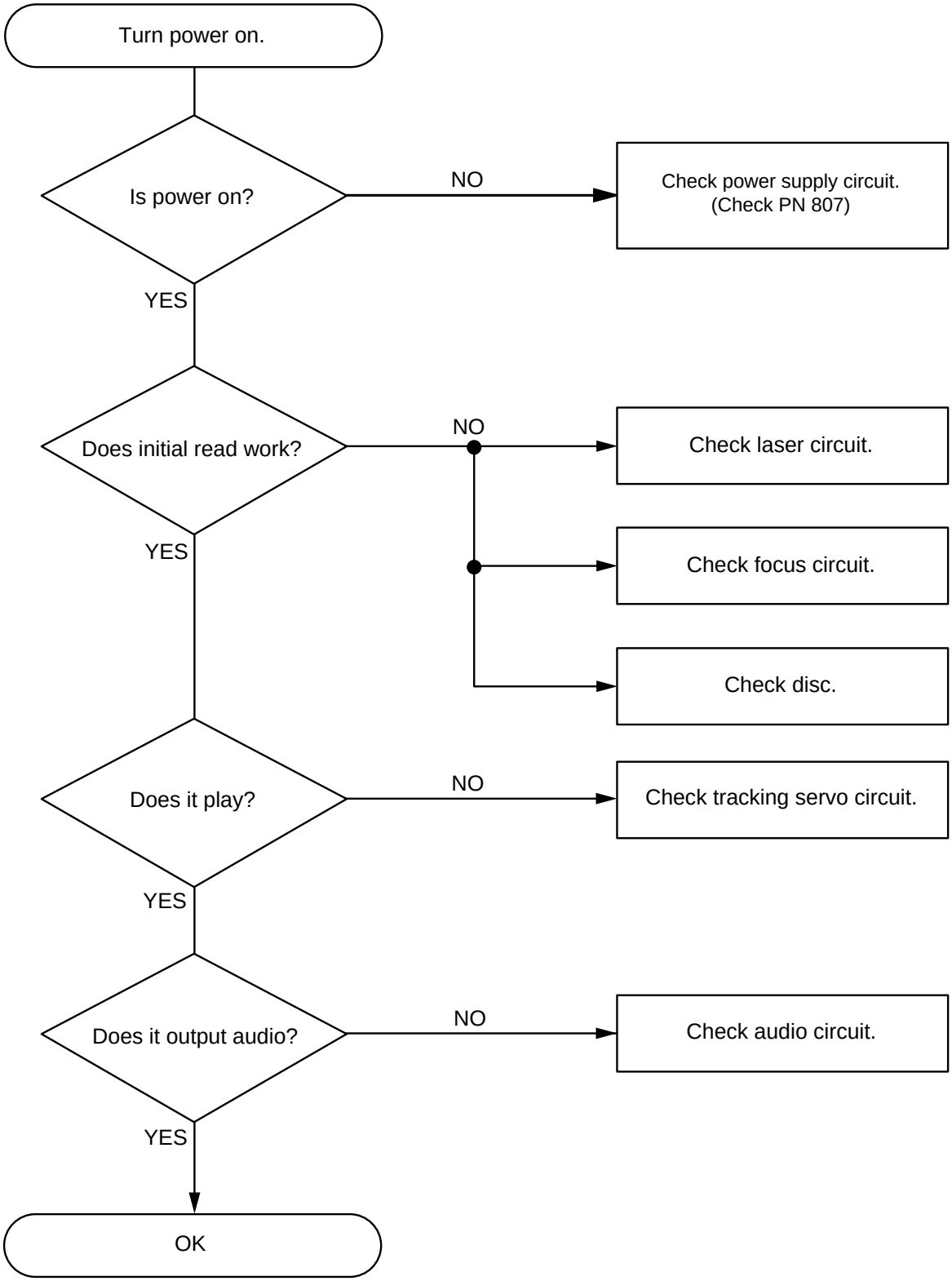
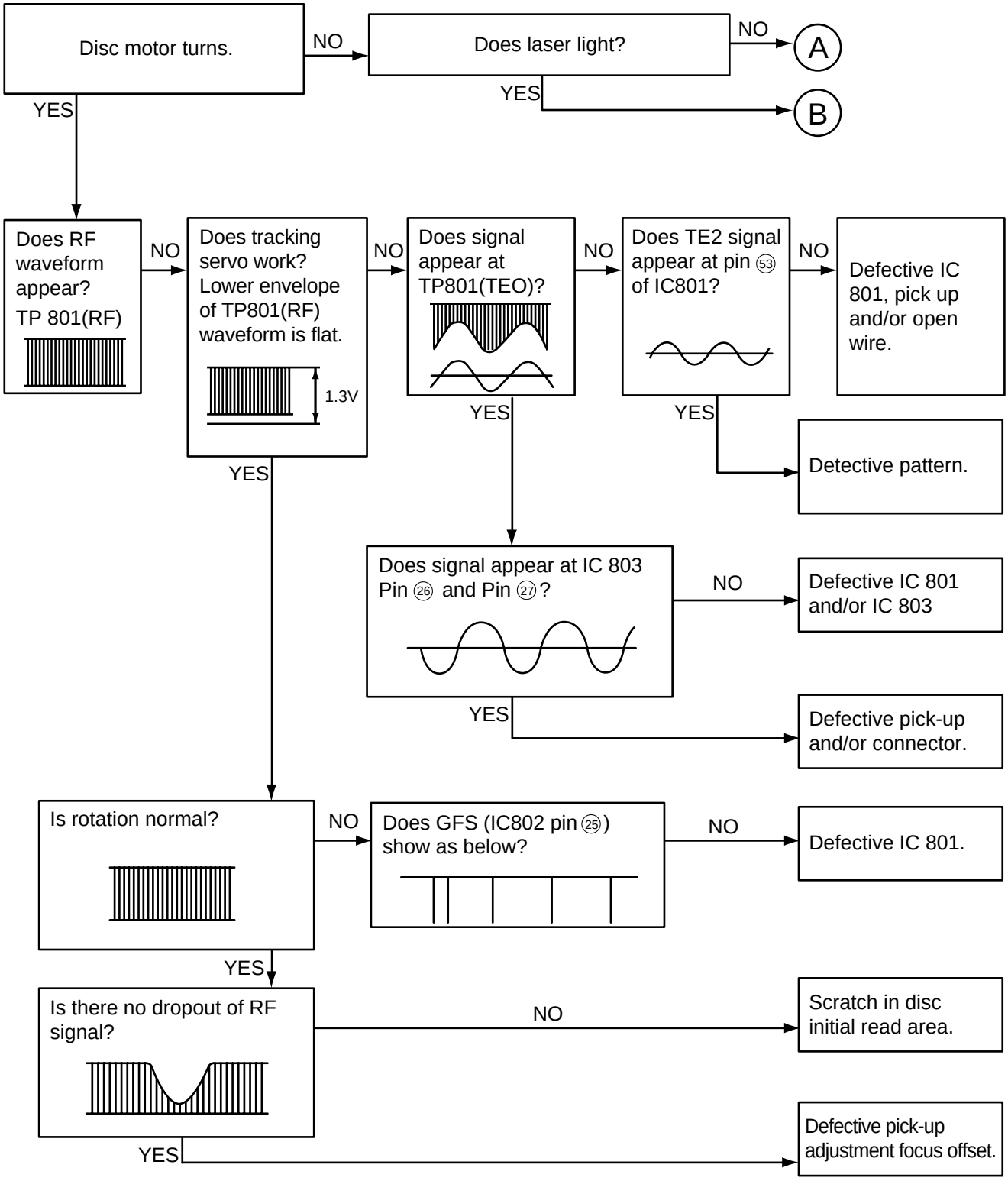


Figure 4. Tuner(S curve) Adjustment Connection Diagram

TROUBLESHOOTING GUIDE



Fails to initial read



Ⓐ Laser does not light.

Is “3.5V” applied to pin ⑦⓪ of IC 801?

YES

NO

Did pickup return to innermost circular?

NO

Is data transferred from MICOM IC ?

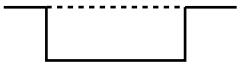
NO

Defective MICOM.

YES

YES

Does voltage appear at IC 803 pin ⑪, ⑫?



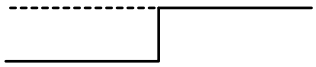
NO

Defective IC 801, 803

YES

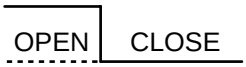
Defective slide motor and/or connector.

Does it stop at inner pick circular after shift?



YES

Is defect output from LM SW applied to pin ② of PN803?



NO

Defective LMT SW and/or connector.

YES

Defective MICOM.

YES

Is power supplied to laser Q801?
(Q 801 collector: about 1.8V)

NO

Defective connector.

YES

Does laser current flow?
1.0V across R801

R801 ≫ 1.0V

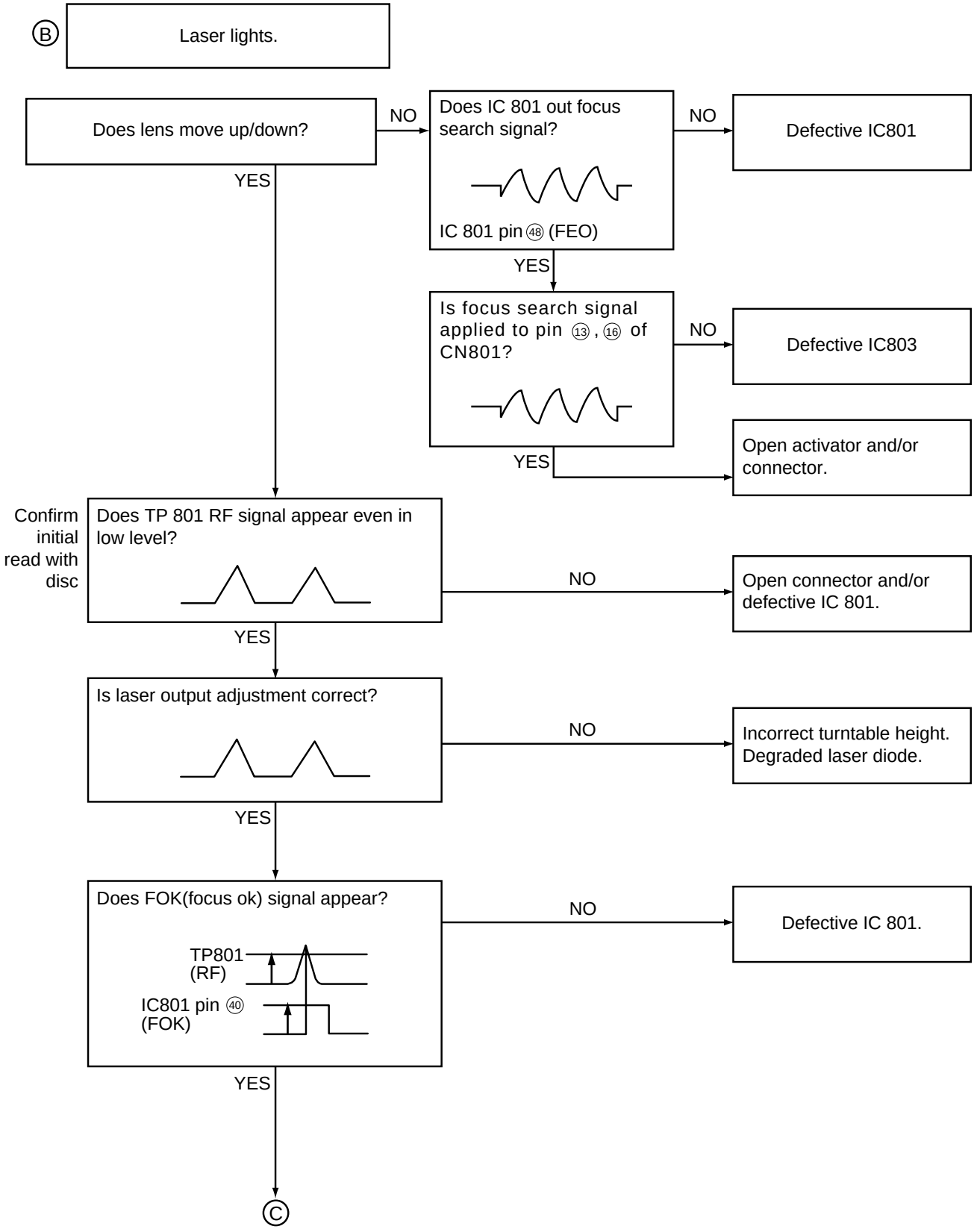
YES

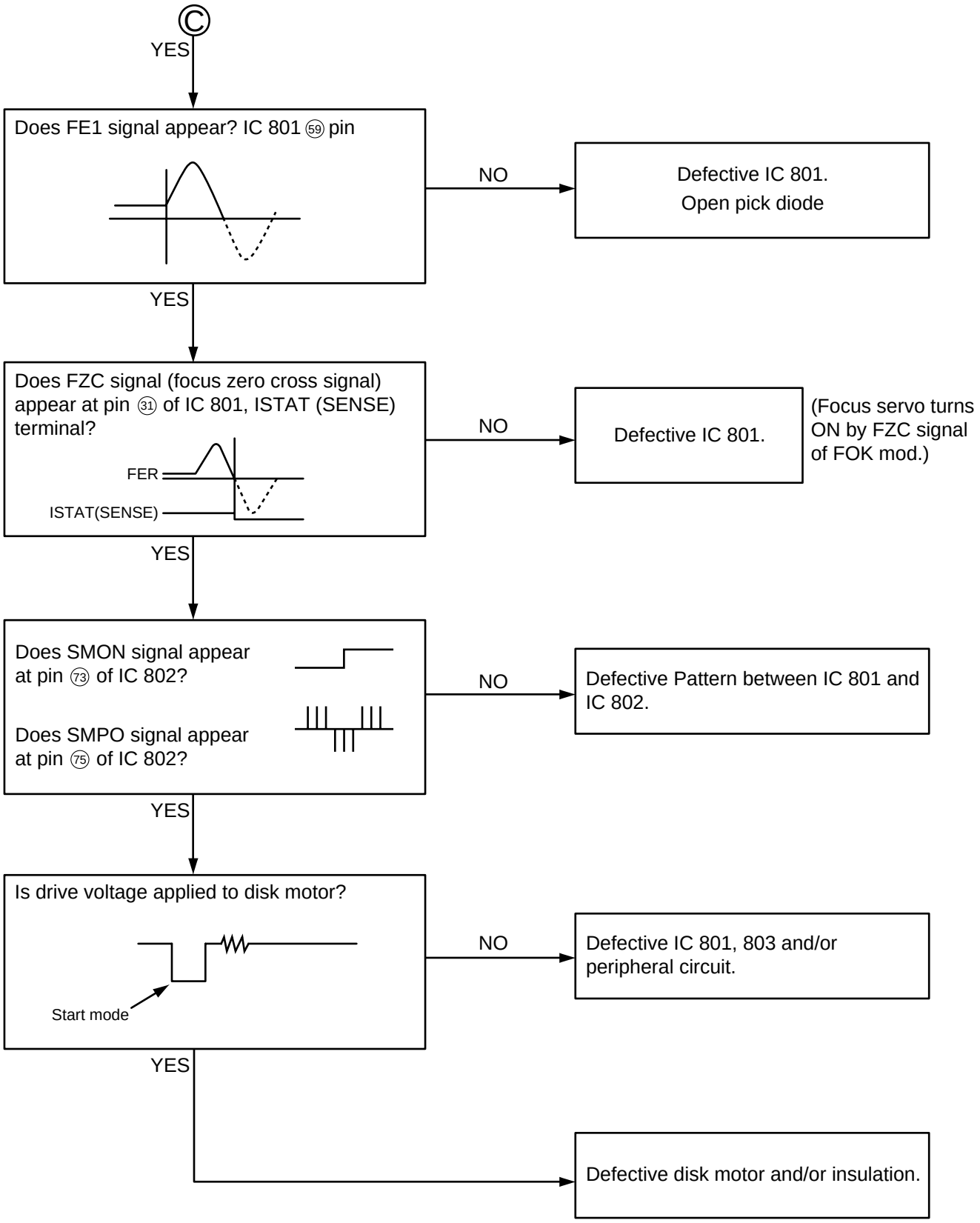
Defective Q 801 and/or laser.

R801 ≪ 1.0V

YES

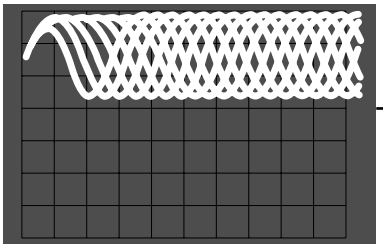
Defective laser and/or connector.


B
Laser lights.
Does lens move up/down?
NO
Does IC 801 out focus search signal?
NO
Defective IC801
YES
IC 801 pin ㊽ (FEO)
YES
Is focus search signal applied to pin ⑬, ⑯ of CN801?
NO
Defective IC803
YES
Open activator and/or connector.
Confirm initial read with disc
Does TP 801 RF signal appear even in low level?
NO
Open connector and/or defective IC 801.
YES
Is laser output adjustment correct?
NO
Incorrect turntable height. Degraded laser diode.
YES
Does FOK(focus ok) signal appear?
NO
Defective IC 801.
TP801 (RF)
IC801 pin ㊵ (FOK)
YES
C

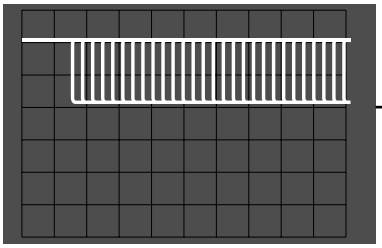

C
YES
Does FE1 signal appear? IC 801 ⑤⑨ pin
NO
Defective IC 801.
Open pick diode
YES
Does FZC signal (focus zero cross signal) appear at pin ③① of IC 801, ISTAT (SENSE) terminal?
FER
ISTAT(SENSE)
NO
Defective IC 801.
(Focus servo turns ON by FZC signal of FOK mod.)
YES
Does SMON signal appear at pin ⑦③ of IC 802?
Does SMPO signal appear at pin ⑦⑤ of IC 802?
NO
Defective Pattern between IC 801 and IC 802.
YES
Is drive voltage applied to disk motor?
Start mode
NO
Defective IC 801, 803 and/or peripheral circuit.
YES
Defective disk motor and/or insulation.

WAVEFORMS OF MAJOR CHECK POINT

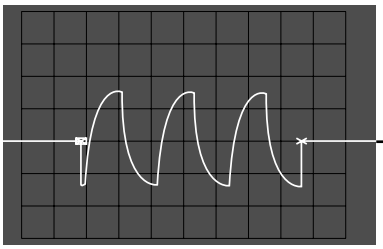
1. HF signal (RF signal) waveform
(Test Point TP801) during normal play



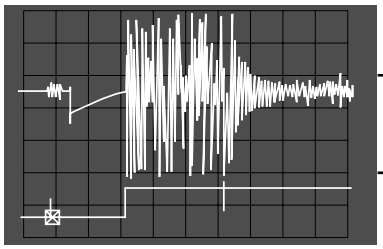
2. EFM signal (pin IC 801)waveform
during Normal Play



3. Focus coil drive waveform(Pin NO 1, 2 of IC 803)
• When focus search failed or there is no disc on the tray

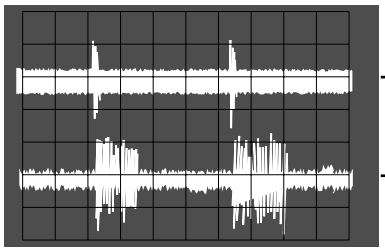


• Focus coil drive waveform(pin NO 1, 2 of IC803) and FOK (pin NO 40 of IC 801) when focus search is accomplished



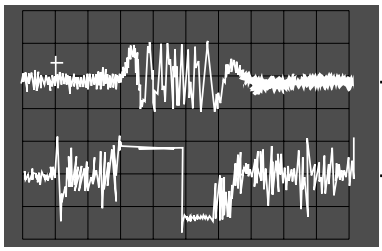
CH1 : FOCUS COIL DRIVE
SIGNAL 2V/Div.
CH2 : FOAK

4. Tracking coil drive waveform (pin NO 26, 27 of IC 803) and TEO during track traverse
(1) When time division is 20nS/div



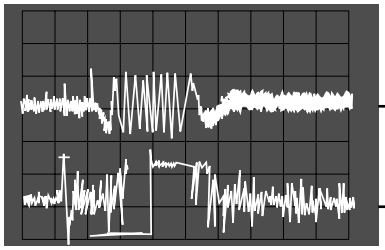
CH1 : TEO(TP801) 1V/Div.
CH2 : TRACK COIL DRIVE
SIGNAL 2V/Div.

(2) When time division 0.5nS/div.
(During forward track traverse)



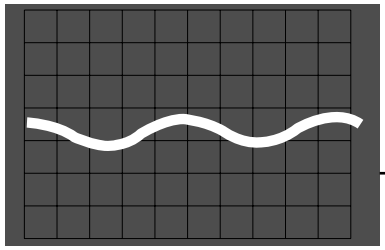
CH1 : TEO(TP801) 1V/Div.
CH2 : TRACKING COIL DRIVE
SIGNAL 2V/Div.

(3) When time division is 0.5nS/div.
(During backward Track Traverse)

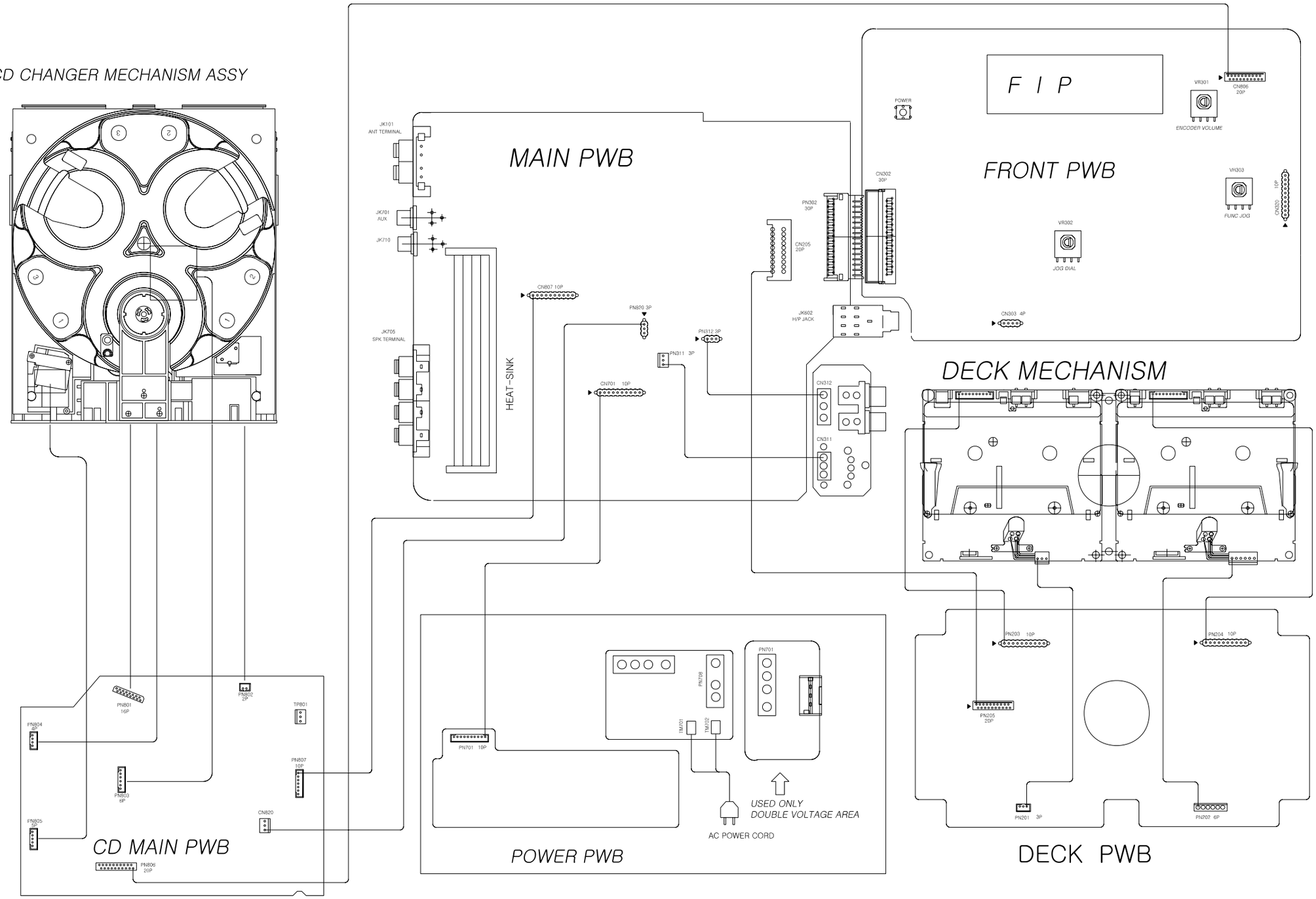


CH1 : TEO(TP801) 1V/Div.
CH2 : TRACK COIL DRIVE
SIGNAL 2V/Div.

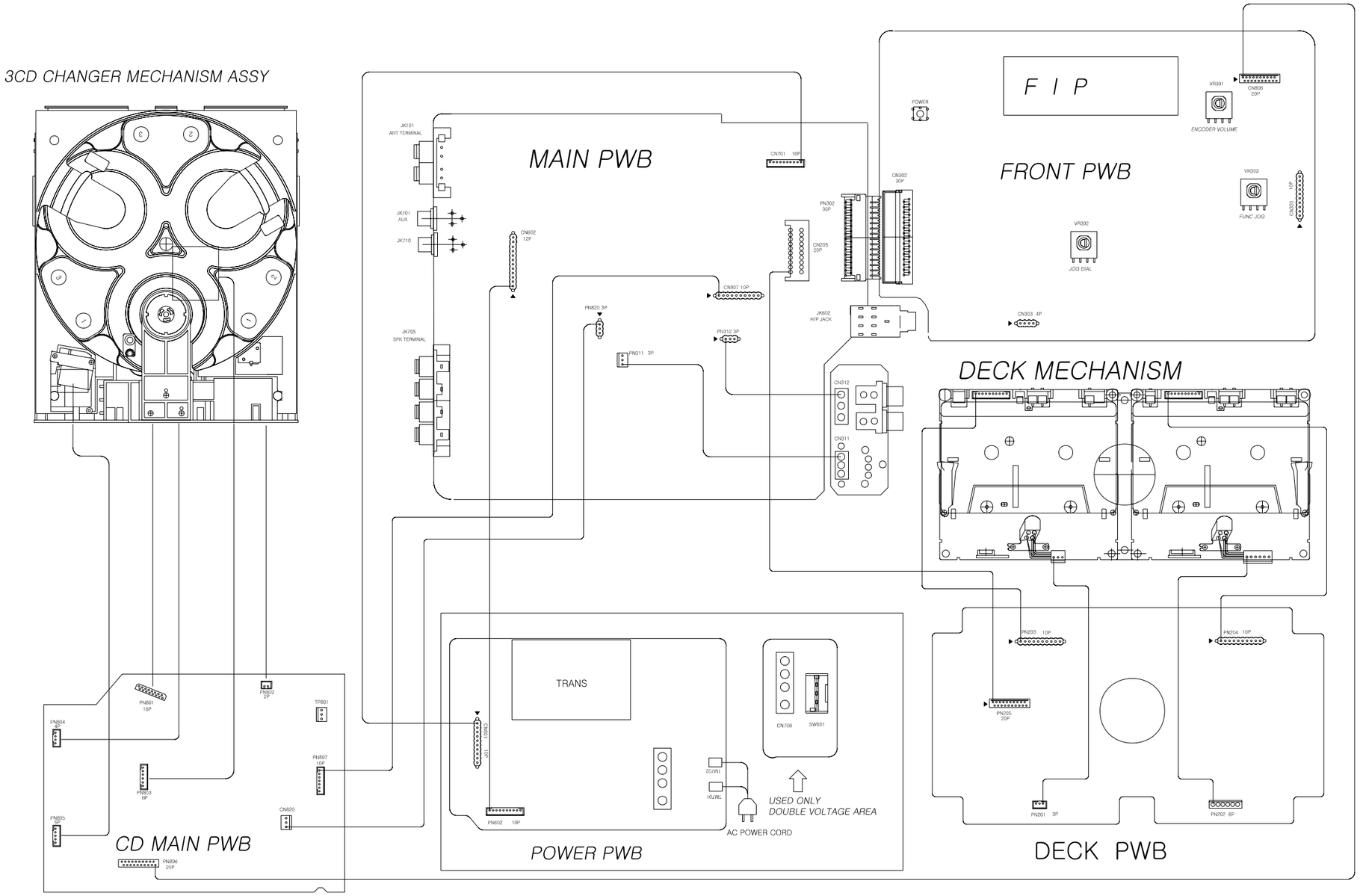
5. Feed motor drive waveform(pin NO 11, 12 of IC 803) During normal play



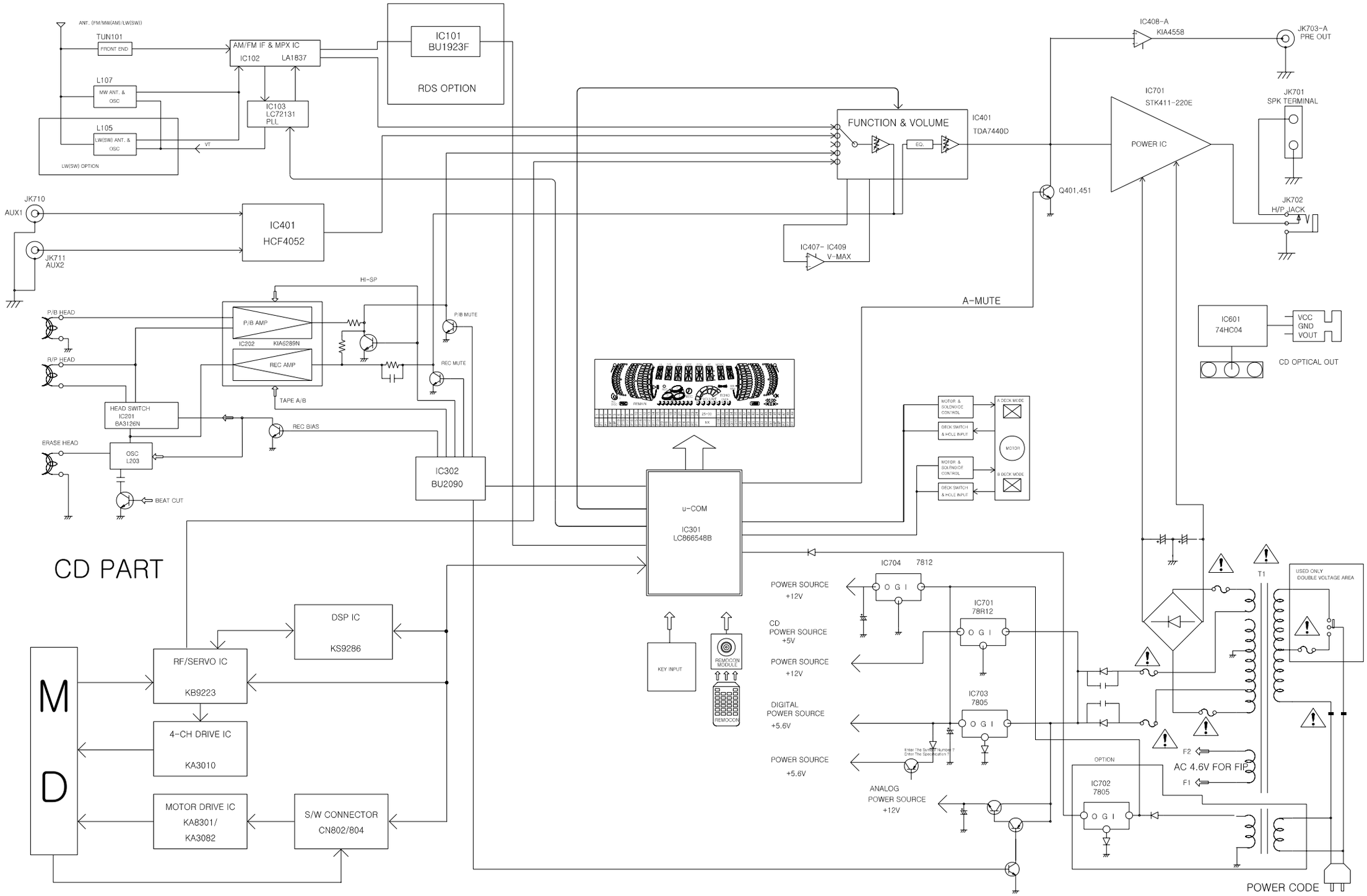
WIRING DIAGRAM
(MODEL : SG2020)



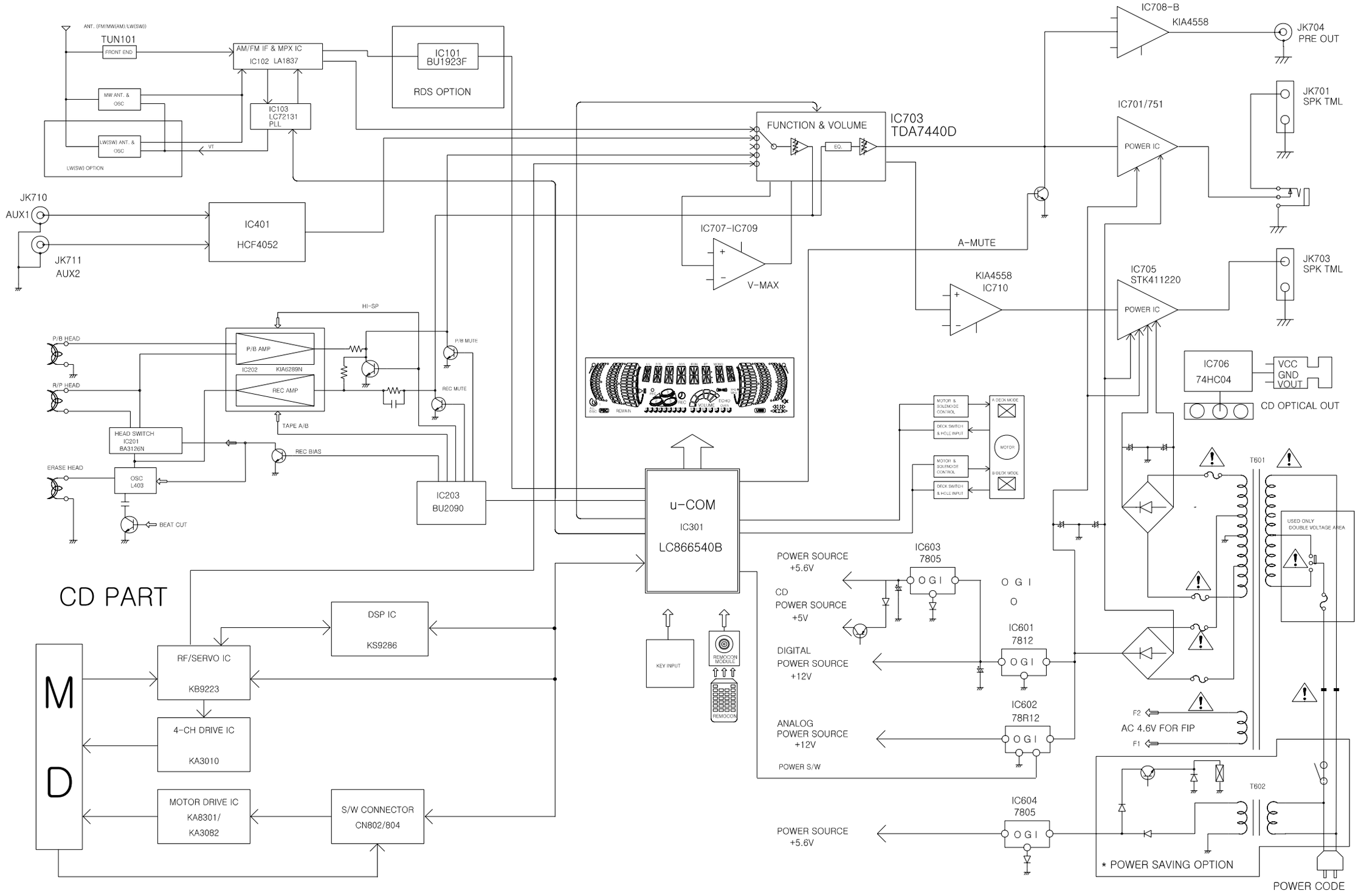
WIRING DIAGRAM
(MODEL : SG3030)



BLOCK DIAGRAM
(MODEL : SG2020)

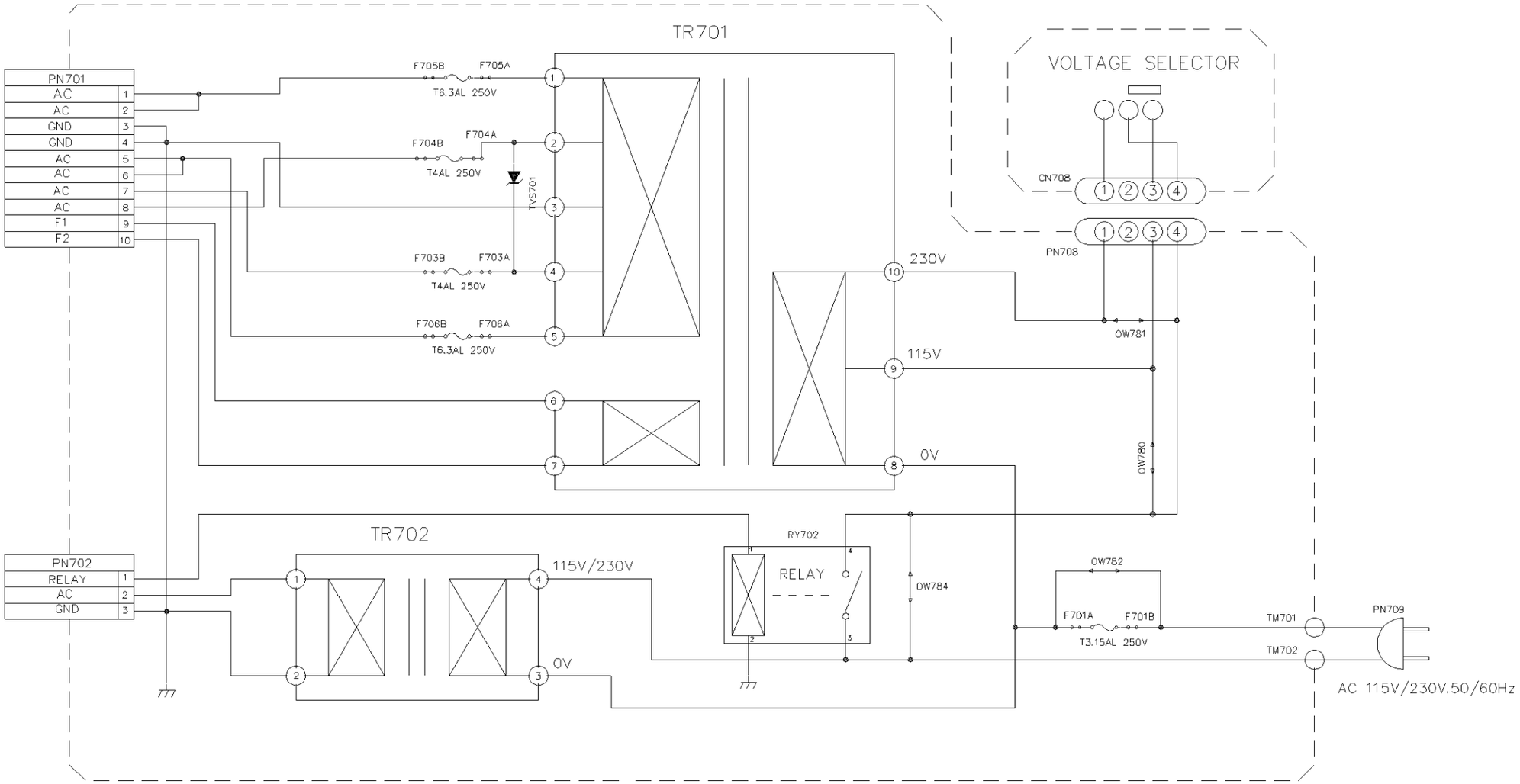


BLOCK DIAGRAM
(MODEL : SG3030)



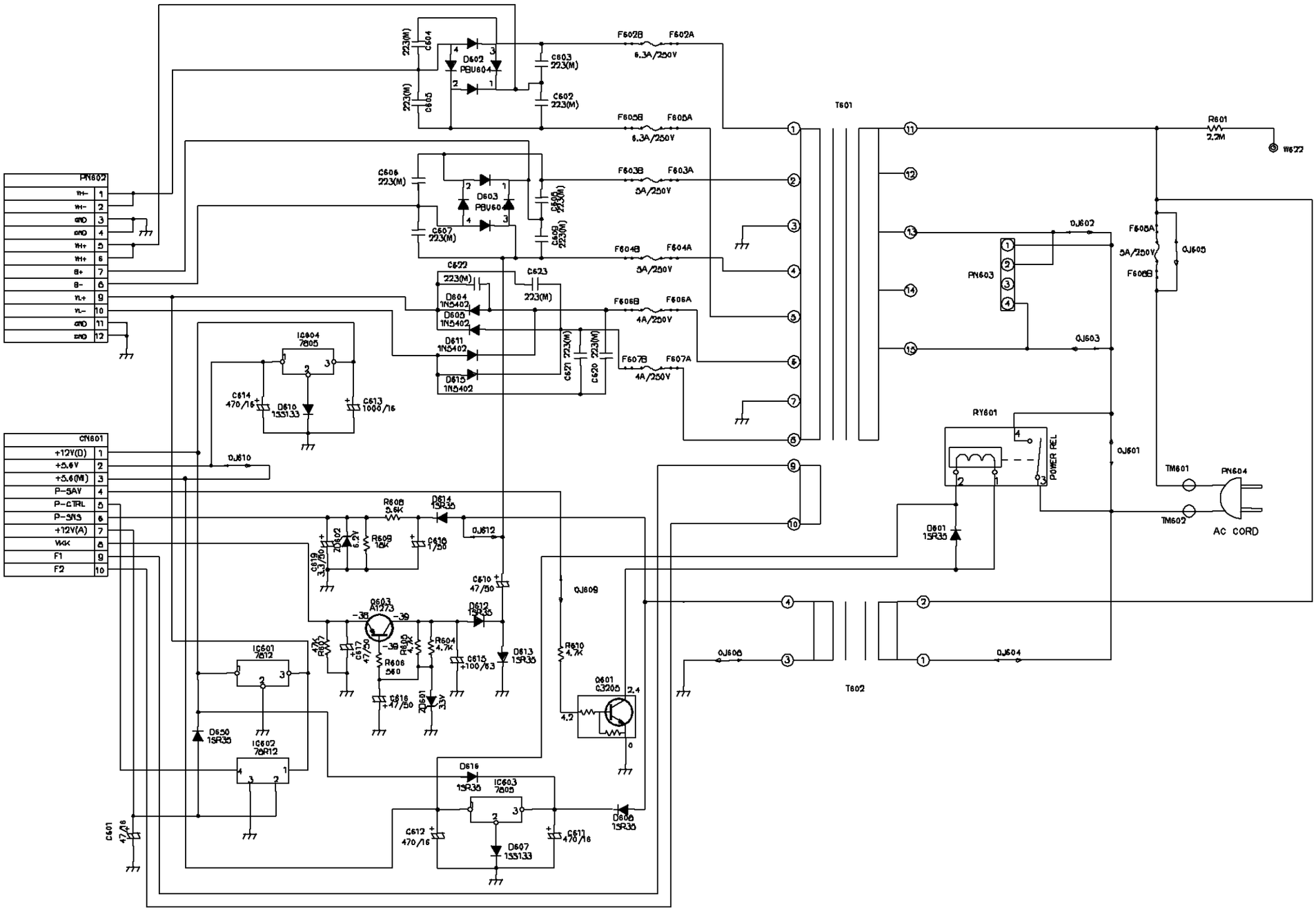
SCHEMATIC DIAGRAM

• POWER 1 (SG2020(M))

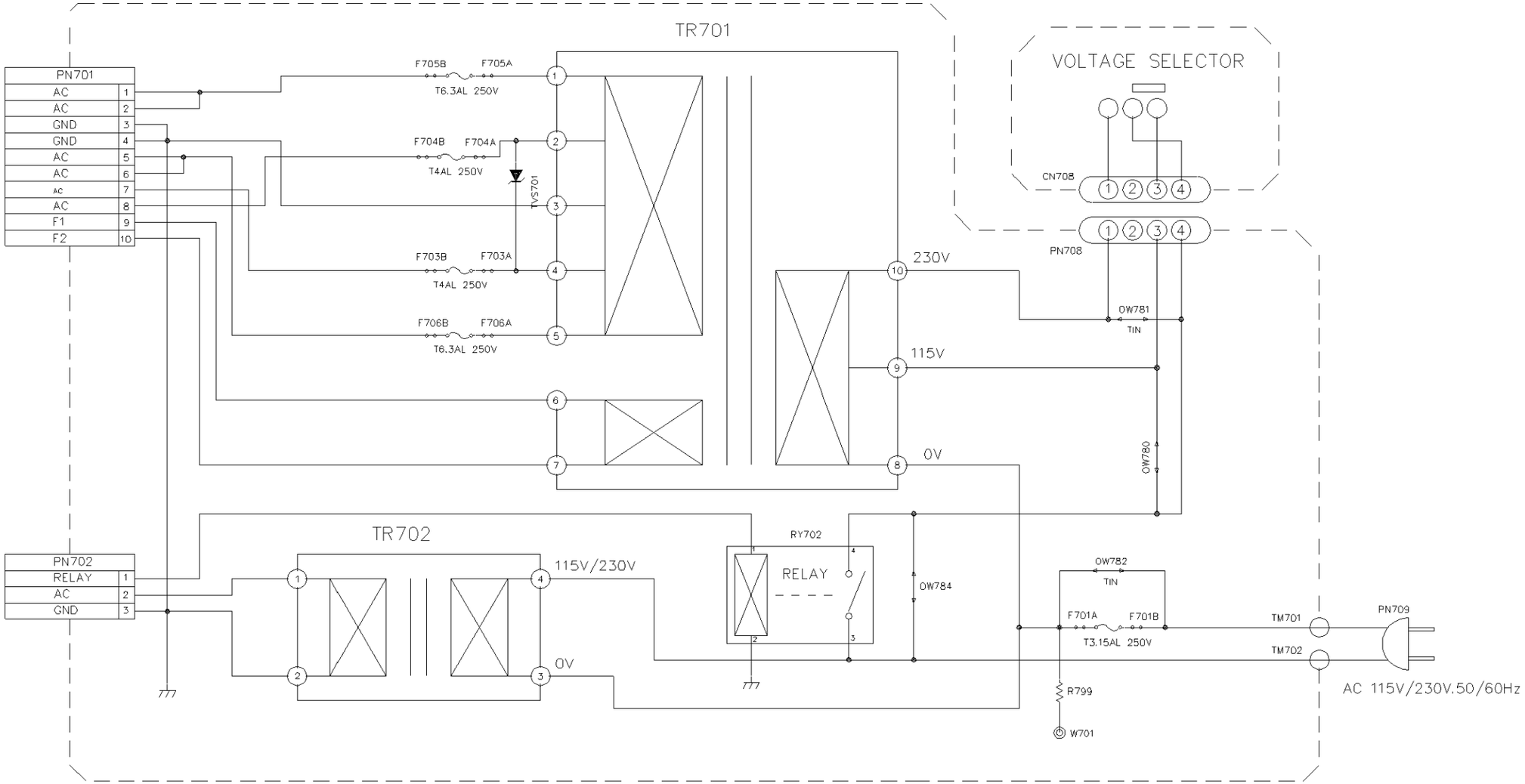


'00 10.25 SI2574
D.SCHEMATIC POWER
SG2020(M)

• POWER 2 (SG3030(M))

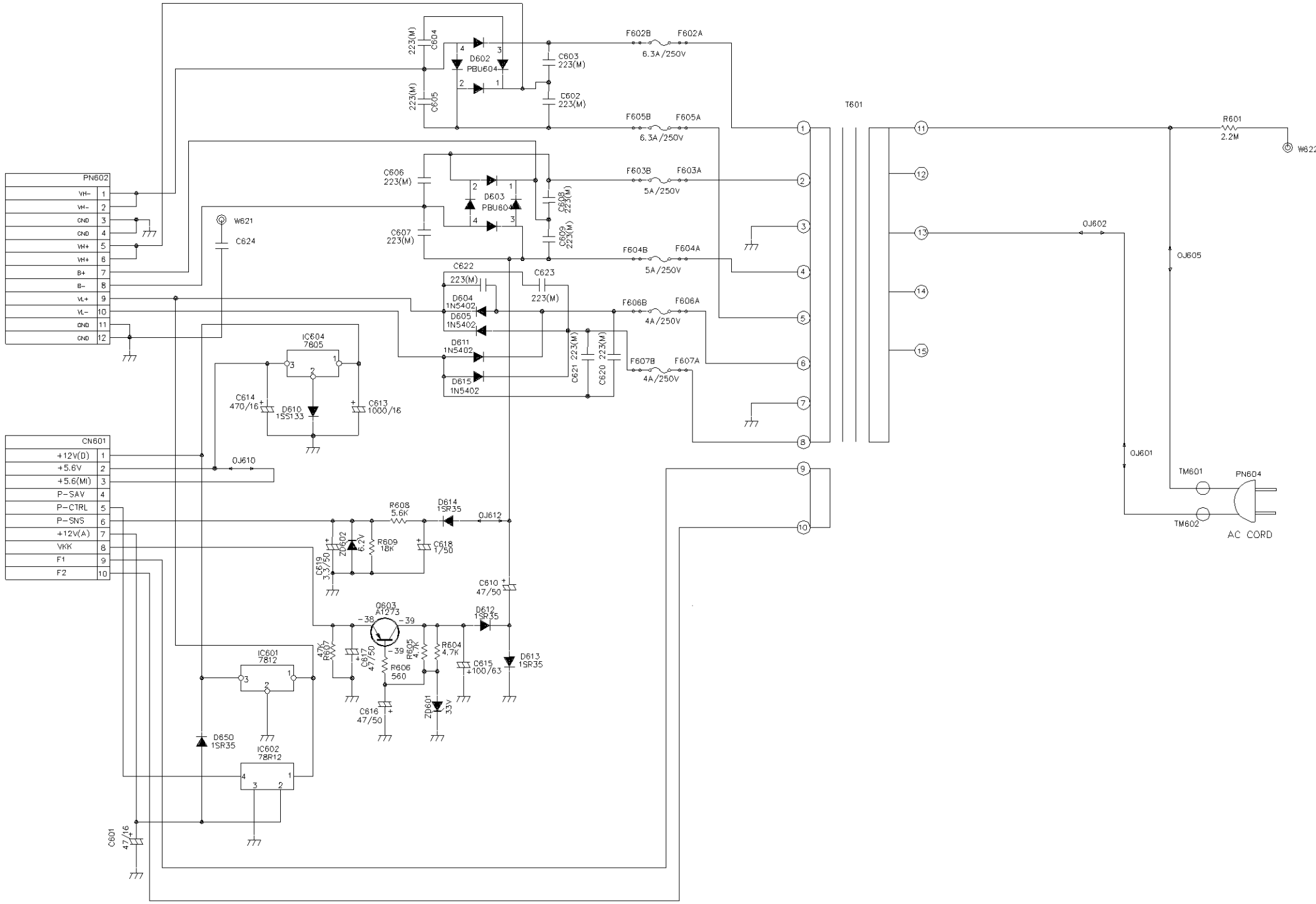


• POWER 3 (SG2020(M)UL)



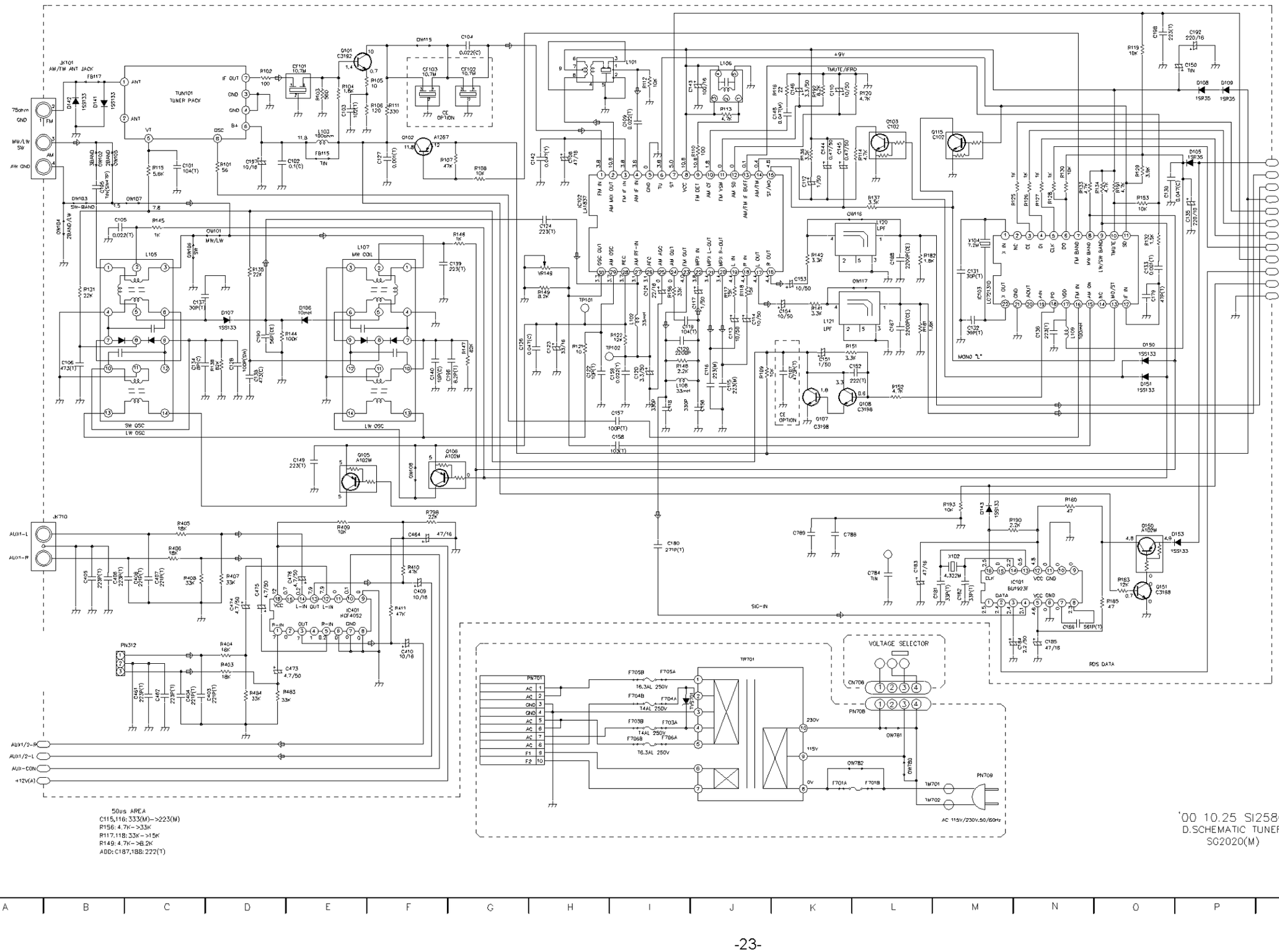
'00 10.25 SI2669
D.SCHEMATIC POWER
SG2020(M)

• POWER 4 (SG3030(M)UL)



'00 10.25 SI2670
D.SCHEMATIC POWER
SG3030(M) UL

• TUNER 1 (SG2020(M))



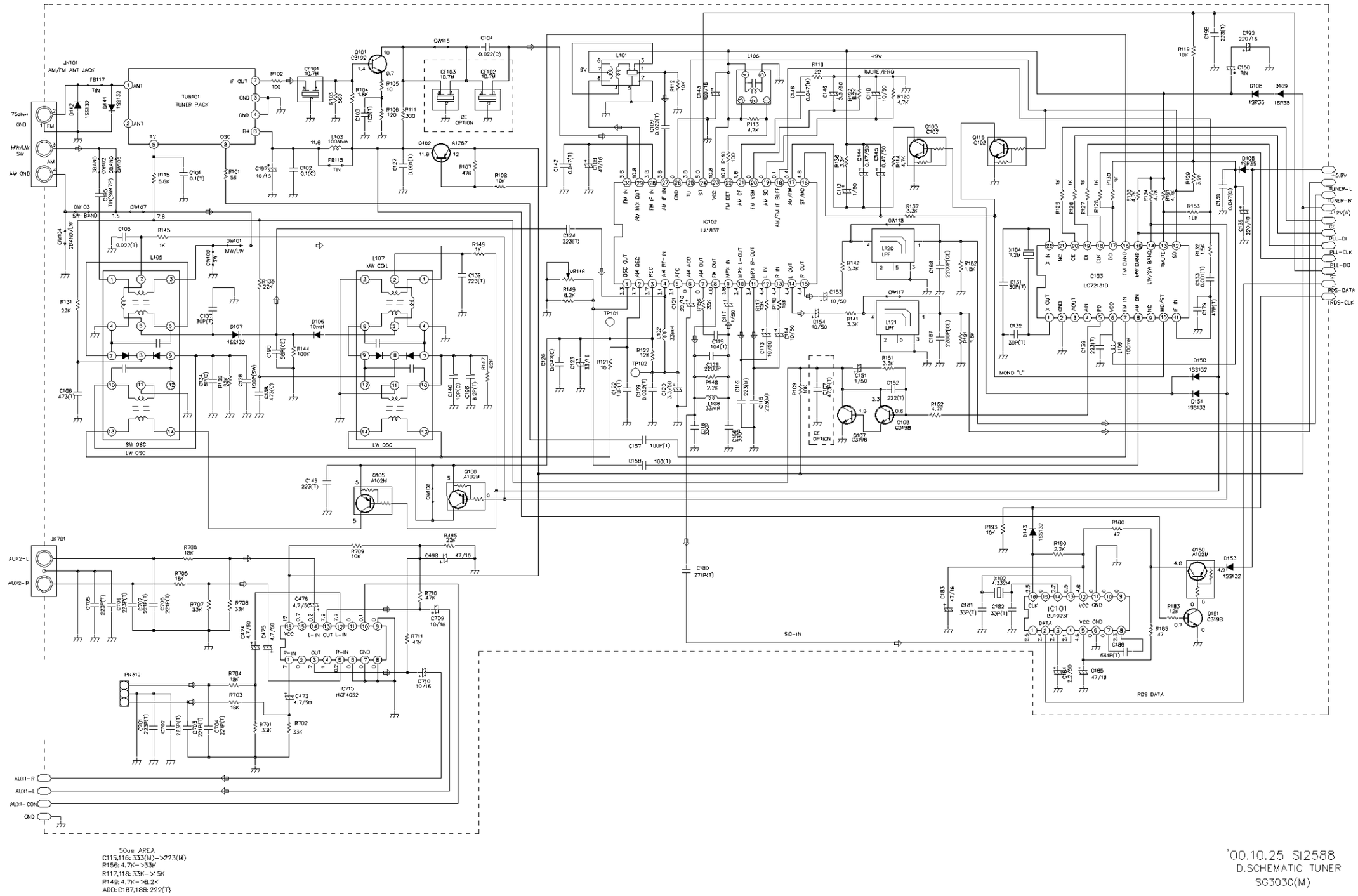
50us AREA
C115,116: 333(M)->223(M)
R156: 4.7K->33K
R117,118: 33K->15K
R149: 4.7K->8.2K
ADD: C187,188: 222(T)

'00 10.25 SI2580
D.SCHEMATIC TUNER
SG2020(M)

LOCATION GUIDE

C101	C10	D106	E8	R128	N9
C102	E10	D107	D8	R129	O9
C103	E10	D108	P11	R130	N9
C104	G11	D109	P11	R131	B8
C105	B9	D141	B10	R132	O9
C106	B7	D142	B10	R133	N9
C107	K7	D143	M5	R134	O9
C108	H10	D150	O7	R135	D8
C109	I10	D151	O7	R136	K10
C110	K10	D153	O5	R137	L9
C112	K9	F701A	K2	R138	D7
C113	J7	F701B	L2	R141	K8
C114	J8	F703A	I3	R142	K8
C115	J7	F703B	I3	R144	D7
C116	J7	F704A	I3	R145	C9
C117	J8	F704B	I3	R146	G9
C118	I7	F705A	I3	R147	G7
C119	I8	F705B	I3	R148	I7
C120	I7	F706A	I2	R149	H8
C121	I8	F706B	I2	R151	K7
C122	H7	FB115	E10	R152	L7
C123	H7	FB117	B11	R153	O9
C124	H9	GND	O8	R156	I8
C126	G7	IC101	M4	R180	N5
C127	F10	IC102	H9	R181	L8
C128	D7	IC103	M8	R182	L8
C129	I7	IC401	E4	R183	D4
C130	O9	JK101	B11	R185	O4
C131	M8	JK710	B5	R190	M5
C132	M8	L101	I11	R191	O9
C133	Q8	L102	I8	R192	K10
C134	C7	L103	E10	R193	M5
C135	P9	L105	C8	R403	D3
C136	N7	L106	J11	R404	D4
C137	C8	L107	E9	R405	C5
C138	D7	L109	N7	R406	C5
C139	G8	L120	L9	R407	D4
C140	F7	L121	K8	R408	C4
C142	H10	OW101	D9	R409	E5
C143	J10	OW102	B10	R410	F5
C144	K10	OW103	B9	R411	F4
C145	K10	OW104	B9	R483	D3
C146	K10	OW105	B10	R484	D3
C148	K10	OW106	C8	R798	F5
C149	E6	OW107	C9	RDS-CLK	D8
C150	P11	OW108	F6	RDS-DA	D6
C151	K7	OW115	F11	ST	Q8
C152	K7	OW116	K9	TM701	L2
C153	K8	OW117	L8	TM702	L2
C154	K8	OW780	L2	TR701	J3
C156	J7	OW781	L2	TUN101	C10
C157	I6	OW782	K2	TUNER-L	O9
C158	I6	PLL-CLK	O9	TUNER-R	O9
C159	I7	PLL-DI	O9	TVS701	J3
C179	O8	PLL-DO	O9	VR149	H8
C180	I5	PN312	B4	X102	M5
C181	M4	PN701	G3	X104	M9
C182	M4	PN708	K3		
C183	L5	PN709	M2		
C184	N4	Q101	E11		
C185	N4	Q102	F10		
C186	N4	Q103	L10		
C187	L8	Q105	E6		
C188	L8	Q106	F6		
C190	D7	Q107	K6		
C192	P11	Q108	L7		
C195	B9	Q115	L10		
C196	C7	Q150	O5		
C197	D10	Q151	O4		
C198	O11	R101	D10		
C403	D3	R102	D11		
C404	C3	R103	E10		
C405	B4	R104	E11		
C406	B4	R105	F11		
C407	C4	R106	F10		
C408	C4	R107	F10		
C409	F4	R108	G10		
C410	F4	R109	J7		
C461	C3	R110	J10		
C462	C3	R111	F10		
C464	F5	R112	I11		
C473	E3	R113	J10		
C474	D4	R114	L10		
C475	D4	R115	C10		
C476	E4	R116	K10		
C784	L5	R117	J8		
C788	K5	R118	J8		
C789	K5	R119	O11		
CE	Q9	R120	L10		
CF101	E11	R121	H7		
CF102	G11	R122	I7		
CF103	F11	R125	N9		
CN708	K3	R126	N9		
D105	P10	R127	N9		

•TUNER 2 (SG3030(M))



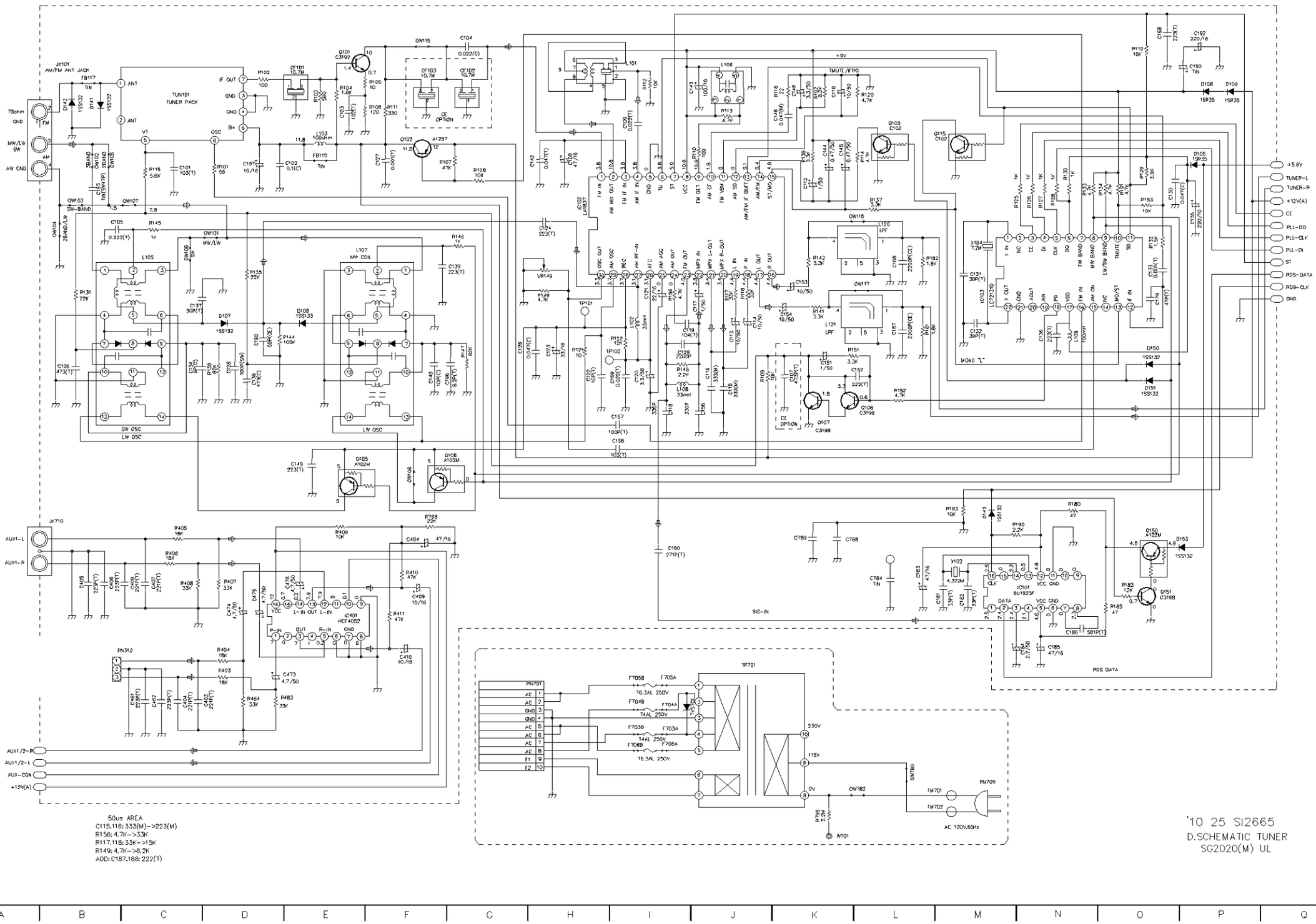
50us AREA
C115,116: 333(M)->223(M)
R156: 4.7K->33K
R117,118: 33K->15K
R149: 4.7K->8.2K
ADD: C187,188: 222(T)

'00.10.25 SI2588
D.SCHEMATIC TUNER
SG3030(M)

LOCATION GUIDE

C101	C10	JK101	B11
C102	E10	JK701	B5
C103	E10	L101	H11
C104	G11	L102	I8
C105	B9	L103	E10
C106	B7	L105	C9
C107	K7	L106	J11
C108	H10	L107	E9
C109	I10	L109	N7
C110	K10	L120	K9
C112	K9	L121	K8
C113	J7	OW101	D9
C114	J8	OW102	B10
C115	J7	OW103	B9
C116	J7	OW104	B9
C117	J8	OW105	B10
C118	I6	OW106	C8
C119	I8	OW107	C9
C120	I7	OW108	F6
C121	I8	OW115	F11
C122	H7	OW117	L8
C123	H7	OW118	K9
C124	H9	PN312	B4
C126	G7	Q101	E11
C127	F10	Q102	F10
C128	D7	Q103	L10
C129	I7	Q105	E6
C130	O9	Q106	F6
C131	M8	Q107	K6
C132	M8	Q108	L7
C133	O8	Q115	L10
C134	C7	Q150	O5
C135	P9	Q151	O4
C136	N7	R101	D10
C137	C8	R102	D11
C138	D7	R103	E10
C139	G8	R104	E11
C140	F7	R105	F11
C142	H10	R106	F10
C143	I10	R107	F10
C144	K10	R108	G10
C145	K10	R109	J7
C146	K10	R110	J10
C148	J10	R111	F10
C149	E6	R112	I11
C150	P11	R113	J10
C151	K7	R114	L10
C152	K7	R115	C10
C153	K8	R116	K11
C154	K8	R117	J8
C156	J6	R118	J8
C157	H6	R119	O11
C158	H6	R120	L10
C159	I7	R121	H7
C179	O8	R122	I7
C180	I5	R125	N9
C181	L4	R126	N9
C182	M4	R127	N9
C183	L5	R128	N9
C184	N4	R129	O9
C185	N4	R130	N9
C186	N4	R131	B8
C187	L8	R132	O9
C188	L8	R133	N9
C190	D7	R134	O9
C192	P11	R135	D8
C195	B9	R136	K10
C196	G7	R137	L9
C197	D10	R138	D7
C198	O11	R141	K8
C473	D3	R142	K8
C474	D4	R144	D7
C475	D4	R145	C9
C476	D5	R146	G9
C498	F5	R147	G7
C701	C3	R148	I7
C702	C3	R149	H8
C703	C3	R151	K7
C704	D3	R152	L7
C705	B4	R153	O9
C706	B4	R156	I8
C707	C4	R180	N5
C708	C4	R181	L8
C709	F4	R182	L8
C710	F4	R183	O4
CE	O9	R185	O4
CF101	E11	R190	M5
CF102	G11	R191	O9
CF103	F11	R192	K10
D105	P10	R193	M5
D106	E8	R495	F5
D107	D8	R701	D3
D108	P11	R702	D3
D109	P11	R703	D3
D141	B10	R704	D4
D142	B10	R705	C5
D143	M5	R706	C5
D150	O7	R707	C4
D151	O7	R708	D4
D153	O5	R709	E5
FB115	E10	R710	F5
FB117	B11	R711	F4
GND	A2	ST	O8
IC101	M4	TUN101	C10
IC102	I9	VR149	H8
IC103	N8	X102	M5
IC715	E3	X104	M9

• TUNER 3 (SG2020(M)UL)

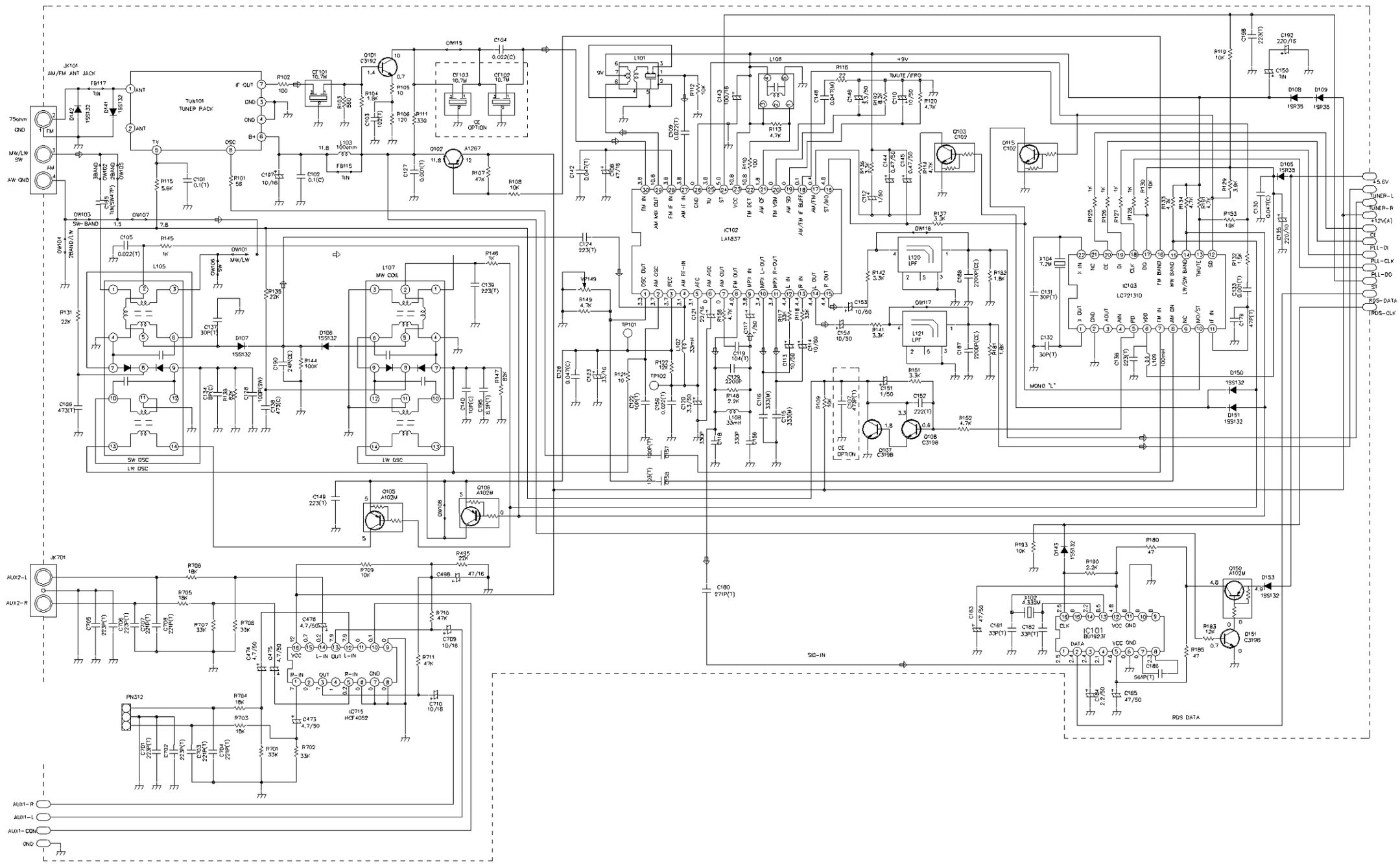


LOCATION GUIDE

C101	C10	F704A	I3	R185	O4
C102	E10	F704B	I3	R190	M5
C103	E10	F705A	I3	R191	O9
C104	G11	F705B	I3	R192	K10
C105	B9	F706A	I2	R193	M5
C106	B7	F706B	I2	R403	D3
C107	K7	FB115	E10	R404	D4
C108	H10	FB117	B11	R405	C5
C109	I10	GND	Q8	R406	C5
C110	K10	IC101	N4	R407	D4
C112	K9	IC102	H9	R408	C4
C113	J7	IC103	M8	R409	E5
C114	J8	IC401	E4	R410	F5
C115	J7	JK101	B11	R411	F4
C116	J7	JK710	B5	R483	D3
C117	J8	L101	I11	R484	D3
C118	I7	L102	I8	R798	F5
C119	I8	L103	E10	R799	K2
C120	I7	L105	C8	RDS-CLK	Q8
C121	I8	L106	J11	RDS-DATA	Q8
C122	H7	L107	E9	ST	Q8
C123	H7	L109	N7	TM701	L2
C124	H9	L120	L9	TM702	L2
C126	G7	L121	K8	TR701	J3
C127	F10	OW101	D9	TUN101	C10
C128	D7	OW102	B10	TUNER-L	Q9
C129	I7	OW103	B9	TUNER-R	Q9
C130	O9	OW104	B9	TVS701	J3
C131	M8	OW105	B10	VR149	H8
C132	M8	OW106	C8	X102	M5
C133	Q8	OW107	C9	X104	M9
C134	C7	OW108	F6		
C135	P9	OW115	F11		
C136	N7	OW116	K9		
C137	C8	OW117	L8		
C138	D7	OW780	L2		
C139	G8	OW782	K2		
C140	F7	PLL-CLK	Q9		
C142	H10	PLL-DI	Q9		
C143	J10	PLL-DO	Q9		
C144	K10	PN312	B4		
C145	K10	PN701	G3		
C146	K10	PN709	M2		
C148	K10	Q101	E11		
C149	E6	Q102	F10		
C150	P11	Q103	L10		
C151	K7	Q105	E6		
C152	K7	Q106	F6		
C153	K8	Q107	K6		
C154	K8	Q108	L7		
C156	J7	Q115	L10		
C157	I6	Q150	O5		
C158	I6	Q151	O4		
C159	I7	R101	D10		
C179	Q8	R102	D11		
C180	I5	R103	E10		
C181	M4	R104	E11		
C182	M4	R105	F11		
C183	L5	R106	F10		
C184	N4	R107	F10		
C185	N4	R108	G10		
C186	N4	R109	J7		
C187	L8	R110	J10		
C188	L8	R111	F10		
C190	D7	R112	I11		
C192	P11	R113	J10		
C195	B9	R114	L10		
C196	G7	R115	C10		
C197	D10	R116	K10		
C198	O11	R117	J8		
C403	D3	R118	J8		
C404	C3	R119	O11		
C405	B4	R120	L10		
C406	B4	R121	H7		
C407	C4	R122	I7		
C408	C4	R125	N9		
C409	F4	R126	N9		
C410	F4	R127	N9		
C461	C3	R128	N9		
C462	C3	R129	O9		
C464	F5	R130	N9		
C473	E3	R131	B8		
C474	D4	R132	O9		
C475	D4	R133	N9		
C476	E4	R134	O9		
C784	L5	R135	D8		
C788	K5	R136	K10		
C789	K5	R137	L9		
CE	Q9	R138	D7		
CF101	E11	R141	K8		
CF102	G11	R142	K8		
CF103	F11	R144	D7		
D105	P10	R145	C9		
D106	E8	R146	G9		
D107	D8	R147	G7		
D108	P11	R148	I7		
D109	P11	R149	H8		
D141	B10	R151	K7		
D142	B10	R152	L7		
D143	M5	R153	O9		
D150	O7	R156	I8		
D151	O7	R180	N5		
D153	Q5	R181	L8		
F703A	I3	R182	L8		
F703B	I3	R183	O4		

'10 25 SI2665
D.SCHEMATIC TUNER
SG2020(M) UL

• TUNER 4 (SG3030(M)UL)

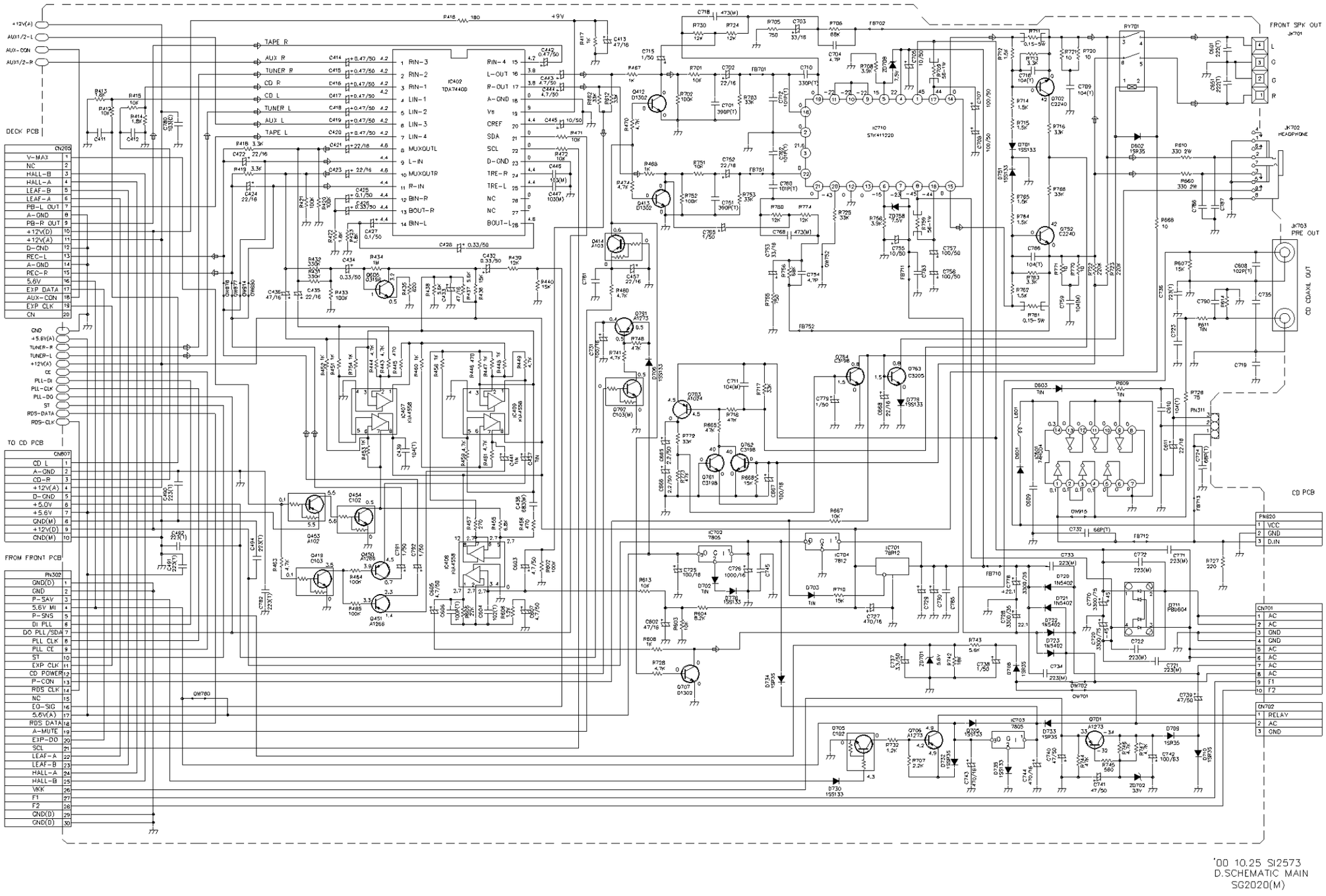


'00 10.25 SI2666
D.SCHEMATIC TUNER
SG3030(M) UL

LOCATION GUIDE

C101	C10	L103	E10
C102	E10	L105	C9
C103	E10	L106	J11
C104	G11	L107	E9
C105	B9	L109	N7
C106	B7	L120	K9
C107	K7	L121	K8
C108	H10	OW101	D9
C109	I10	OW102	B10
C110	K10	OW103	B9
C112	K9	OW104	B9
C113	J7	OW105	B10
C114	J8	OW106	C8
C115	J7	OW107	C9
C116	J7	OW108	F6
C117	J8	OW115	F11
C118	I7	OW117	L8
C119	I8	OW118	K9
C120	I7	PLL-CLK	O9
C121	I8	PLL-DI	O9
C122	H7	PLL-DO	O8
C123	H7	PN312	B4
C124	H9	Q101	E11
C126	G7	Q102	F10
C127	F10	Q103	L10
C128	D7	Q105	E6
C129	I7	Q106	F6
C130	O9	Q107	K6
C131	M8	Q108	L7
C132	M8	Q115	L10
C133	O8	Q150	O5
C134	C7	Q151	O4
C135	P9	R101	D10
C136	N7	R102	D11
C137	C8	R103	E10
C138	D7	R104	E11
C139	G8	R105	F11
C140	F7	R106	F10
C142	H10	R107	F10
C143	I10	R108	G10
C144	K10	R109	J7
C145	K10	R110	J10
C146	K10	R111	F10
C148	J10	R112	I11
C149	E6	R113	J10
C150	P11	R114	L10
C151	K7	R115	C10
C152	K7	R116	K11
C153	K8	R117	J8
C154	K8	R118	J8
C156	J7	R119	O11
C157	I6	R120	L10
C158	I6	R121	H7
C159	I7	R122	I7
C179	O8	R125	N9
C180	I5	R126	N9
C181	L4	R127	N9
C182	M4	R128	N9
C183	L5	R129	O9
C184	N4	R130	N9
C185	N4	R131	B8
C186	N4	R132	O9
C187	L8	R133	N9
C188	L8	R134	O9
C190	D7	R135	D8
C192	P11	R136	K10
C195	B9	R137	L9
C196	G7	R138	D7
C197	D10	R141	K8
C198	O11	R142	K8
C473	D3	R144	D7
C474	D4	R145	C9
C475	D4	R146	G9
C476	D5	R147	G7
C498	F5	R148	I7
C701	C3	R149	H8
C702	C3	R151	K7
C703	C3	R152	L7
C704	D3	R153	O9
C705	B4	R156	I8
C706	B4	R180	N5
C707	C4	R181	L8
C708	C4	R182	L8
C709	F4	R183	O4
C710	F4	R185	O4
CE	O9	R190	M5
CF101	E11	R191	O9
CF102	G11	R192	K10
CF103	F11	R193	M5
D105	P10	R495	F5
D106	E8	R701	D3
D107	D8	R702	D3
D108	P11	R703	D3
D109	P11	R704	D4
D141	B10	R705	C5
D142	B10	R706	C5
D143	M5	R707	C4
D150	O7	R708	D4
D151	O7	R709	E5
D153	O5	R710	F5
FB115	E10	R711	F4
FB117	B11	RDS-CLK	O8
GND	A2	RDS-DATA	O8
IC101	M4	ST	O8
IC102	I9	TUN101	C10
IC103	N8	TUNER-L	O9
IC715	E3	TUNER-R	O9
JK101	B11	VR149	H8
JK701	B5	X102	M5
L101	H11	X104	M9
L102	I8		

• MAIN 1 (SG2020(M))



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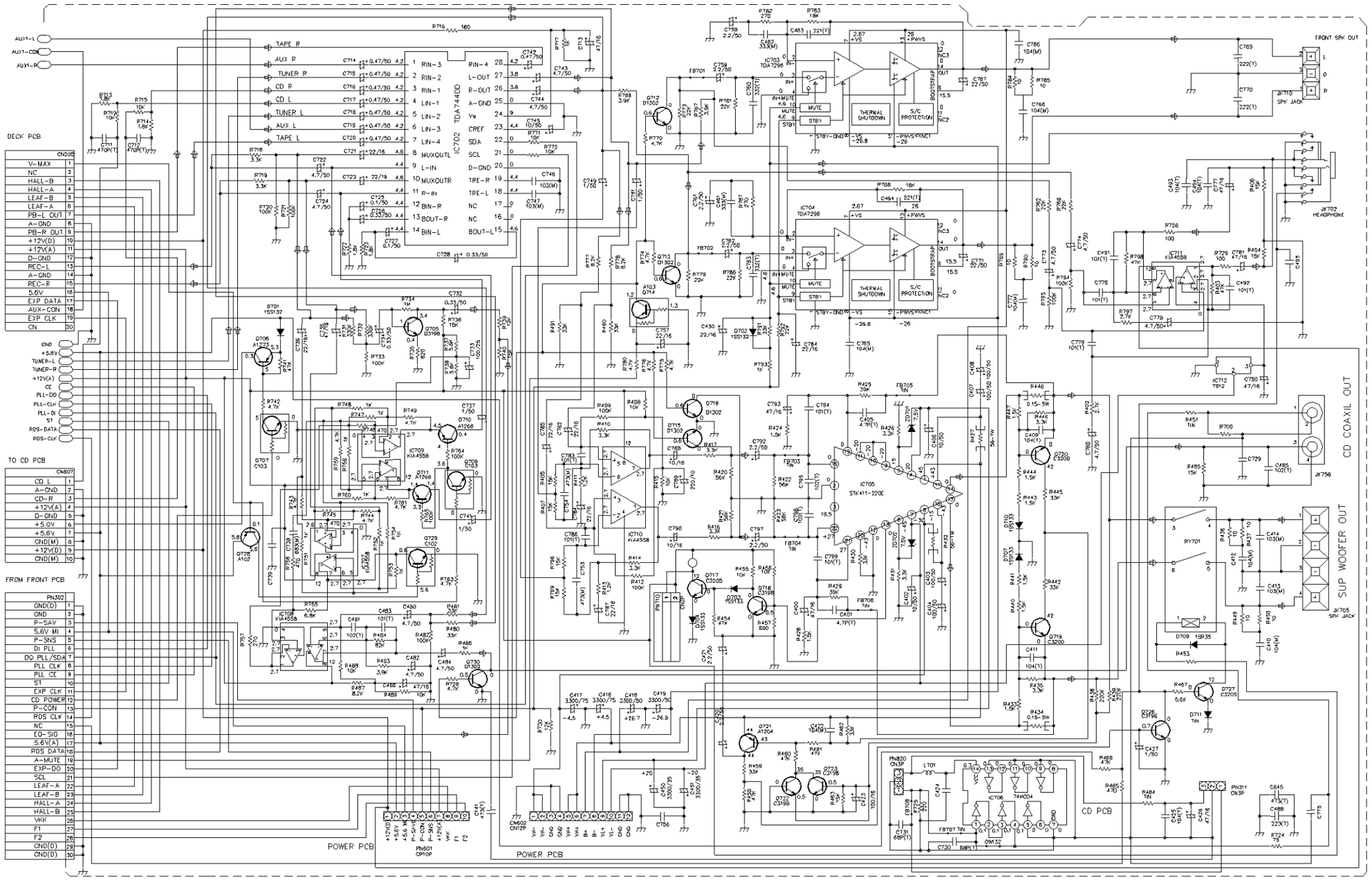
LOCATION GUIDE

C411	B10	C765	J9	D791	I8	R748	I8
C412	C10	C766	M9	D792	H7	R751	I10
C413	H11	C768	J9	R412	B11	R752	I10
C414	E11	C770	N5	R413	B11	R753	J10
C415	E11	C771	O5	R414	C10	R754	E7
C416	E11	C772	O5	R415	C11	R755	J8
C417	E11	C778	M5	R416	F12	R756	K9
C418	E11	C779	K7	R417	H11	R758	L9
C419	E10	C780	C10	R418	D10	R759	L9
C420	E10	C781	H8	R419	D10	R761	M8
C421	E10	C782	D5	R420	E9	R762	M8
C422	D10	C783	L9	R421	E9	R763	M9
C423	E10	C785	M5	R422	E9	R764	M9
C424	D10	C786	O9	R423	E9	R765	M10
C425	E10	C787	P9	R431	E9	R766	N10
C426	E9	C790	O8	R432	E9	R770	N9
C427	E9	C791	F5	R433	E8	R771	N9
C428	F9	C792	F5	R434	E9	R772	I7
C432	D9	CE	B7	R435	F8	R773	I6
C433	F8	CN205	B10	R436	G8	R774	K9
C434	E9	CN701	P5	R437	G8	R780	J9
C435	E8	CN702	P3	R438	F8	RY701	O12
C436	D8	CN807	B6	R439	G9	S1	B7
C437	G6	D601	M6	R440	H8	ZD701	L4
C438	G6	D602	O10	R443	F7	ZD702	O2
C439	F6	D603	N7	R444	F7	ZD708	L11
C441	G6	D701	M10	R445	F7	ZD758	L9
C442	H11	D702	I5	R446	G7		
C443	H11	D703	K5	R447	G7		
C444	H11	D705	M3	R448	G7		
C445	H10	D706	I7	R449	G7		
C446	H10	D708	M4	R451	E7		
C447	H10	D709	O3	R452	E7		
C457	I9	D710	P3	R453	E6		
C490	C6	D711	O5	R455	G6		
C491	C5	D720	N5	R456	G5		
C492	C5	D721	N5	R457	G6		
C494	D5	D722	N4	R458	F7		
C601	P11	D723	N4	R459	G6		
C602	I4	D730	K2	R460	F7		
C603	C5	D732	L3	R461	G6		
C604	O4	D733	N3	R463	D5		
C605	F5	D734	J4	R464	E5		
C606	F4	D735	M3	R465	E5		
C607	O4	D751	M10	R467	I11		
C608	P9	D778	J5	R468	I10		
C609	M6	D779	L7	R470	I10		
C610	O7	FB701	J11	R471	H10		
C611	D6	FB702	L12	R472	H10		
C651	P11	FB710	M5	R474	H10		
C665	I6	FB711	L9	R480	H8		
C666	I6	FB712	O5	R602	H5		
C667	J6	FB713	P6	R603	I4		
C668	L7	FB751	J10	R604	I4		
C701	J11	FB752	K8	R605	G4		
C702	J11	GND	A8	R606	G4		
C703	K12	IC402	F11	R607	O9		
C704	K11	IC407	F7	R608	I4		
C705	L11	IC408	F5	R609	O7		
C707	M11	IC409	G7	R610	O10		
C708	M10	IC601	N6	R611	P8		
C709	N11	IC701	L5	R612	H11		
C710	K11	IC702	J5	R613	I5		
C711	J7	IC703	M3	R614	P8		
C712	J11	IC704	K5	R660	O10		
C715	I11	IC710	L10	R662	H11		
C716	M11	JK701	O11	R665	J7		
C718	I12	JK702	Q10	R666	J6		
C719	P7	JK703	O9	R667	K6		
C720	N4	L601	M7	R668	O9		
C721	O4	OW701	N3	R701	I11		
C722	O4	OW702	N4	R702	I11		
C723	O8	OW752	K9	R703	J11		
C724	P8	OW760	C3	R705	J12		
C725	I5	OW877	D8	R706	K12		
C726	J5	OW878	D8	R707	L3		
C727	K4	OW880	D8	R708	K11		
C728	M4	OW914	D8	R709	L11		
C729	L5	OW915	N6	R710	K5		
C730	L5	PLL-CLK	A7	R711	M12		
C731	H8	PLL-DI	A7	R712	M11		
C732	N5	PLL-DO	A7	R713	M11		
C733	N5	PN302	B5	R714	M11		
C734	N4	PN311	O7	R715	M10		
C735	P8	PN820	P6	R716	N10		
C736	O8	Q412	I11	R717	J7		
C737	L4	Q413	I9	R718	J7		
C738	M4	Q414	H9	R720	N11		
C739	O3	Q419	E5	R721	N11		
C740	N3	Q450	E5	R722	N9		
C741	N2	Q451	E4	R723	N9		
C742	O3	Q453	E5	R724	J12		
C743	M2	Q454	E6	R725	K9		
C744	M2	Q605	E9	R726	O7		
C745	J5	Q701	N3	R727	P5		
C751	J9	Q702	N11	R728	I4		
C752	J10	Q703	I7	R730	I12		
C753	J9	Q705	K3	R732	L3		
C754	K9	Q706	L3	R741	H8		
C755	L9	Q707	I4	R742	M4		
C757	L9	Q752	N9	R743	M4		
C758	L9	Q761	I6	R744	N3		
C759	N8	Q762	J6	R745	N3		
C760	J10	Q763	L7	R746	O3		
C762	J10	Q764	K8	R747	O3		

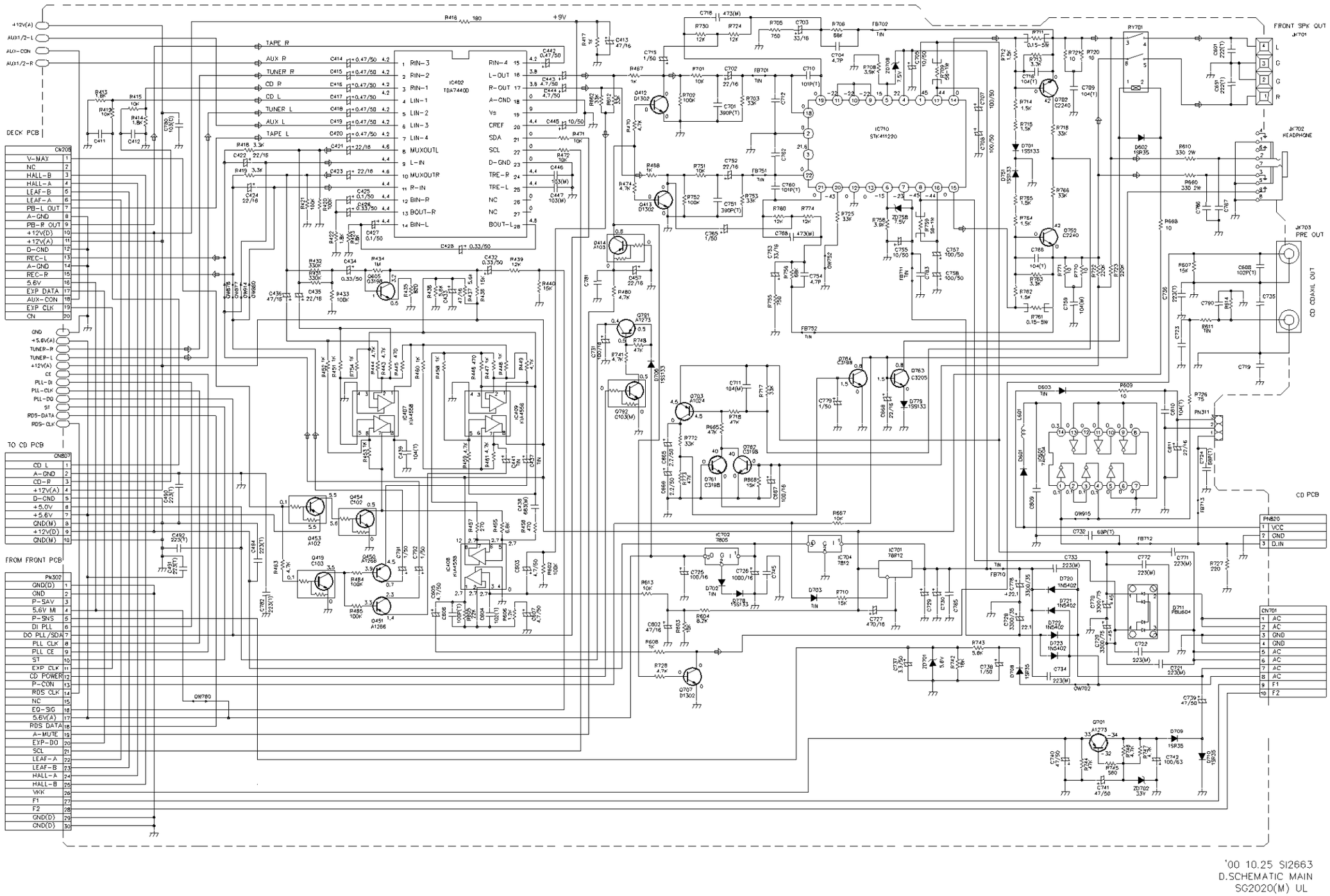
• MAIN 2 (SG3030(M))



LOCATION GUIDE

C141	G2	C775	P2	R420	I6	R762	M9
C400	J5	C778	M10	R421	I6	R763	F5
C401	K5	C778	N8	R422	J6	R764	F7
C402	L5	C779	M8	R423	J6	R765	F6
C403	L5	C780	N7	R424	J7	R766	M9
C404	L5	C781	O9	R425	K7	R767	I11
C405	K7	C782	H7	R426	K7	R768	H11
C406	L7	C783	H7	R427	L7	R769	G5
C407	L7	C784	H6	R428	J4	R770	I10
C408	L8	C785	G7	R429	K5	R771	G10
C409	M7	C786	H6	R430	K5	R772	G10
C410	P4	C787	H5	R431	K5	R773	I11
C411	M4	C788	I7	R432	L6	R774	H9
C412	O5	C789	I6	R433	M4	R775	I8
C413	P5	C790	I8	R434	M4	R776	I8
C414	P6	C792	J7	R435	M4	R777	H9
C416	H4	C793	J7	R436	O6	R778	H9
C417	H4	C794	J7	R437	P6	R779	I9
C418	H4	C795	J6	R438	N4	R780	H8
C419	I4	C797	J6	R439	N4	R781	I11
C420	I3	C798	K5	R440	M5	R782	J12
C421	I4	C845	P3	R441	M5	R783	J12
C422	J3	CE	B7	R442	M5	R784	M11
C423	K3	CN205	B10	R443	M6	R785	M11
C424	L3	CN602	G2	R444	M6	R786	I9
C425	O2	CN807	B6	R445	M6	R787	J9
C426	O2	D701	D8	R446	M7	R788	K10
C427	N3	D702	J8	R447	M7	R789	M9
C430	I8	D703	J5	R448	M7	R790	M9
C450	I3	D704	I5	R449	O5	R791	J8
C451	I3	D705	M5	R450	P5	R792	J8
C461	I9	D707	M5	R451	O7	R793	J8
C462	J11	D709	O4	R453	O4	R794	M9
C463	J12	D710	M6	R454	I5	R795	M8
C464	K10	D711	O4	R455	J5	R796	G5
C480	F5	FB701	I11	R456	J5	R797	N8
C481	E5	FB702	I9	R457	J5	R798	N9
C482	F4	FB703	J7	R458	J3	R7701	O6
C483	E5	FB704	J6	R459	J3	ZD701	L7
C484	F4	FB705	K7	R460	J3	ZD702	K6
C485	P6	FB706	K5	R461	J3		
C486	E4	FB707	L2	R462	K3		
C488	P2	FB708	L2	R463	K3		
C491	N9	GND	A8	R464	N3		
C492	O9	IC702	F10	R465	N3		
C493	O10	IC703	J11	R466	N3		
C494	O10	IC704	J9	R467	O4		
C495	P9	IC705	K6	R480	F5		
C711	B10	IC706	M3	R481	F5		
C712	B10	IC707	E5	R482	F4		
C713	H11	IC708	D5	R483	E4		
C714	E11	IC709	F7	R484	E4		
C715	E11	IC710	H6	R485	O6		
C716	E11	IC711	O9	R486	F4		
C717	E11	IC712	O7	R487	E4		
C718	E11	JK702	P9	R488	E4		
C719	E10	JK705	O5	R489	E4		
C720	E10	JK710	P11	R490	H8		
C721	E10	JK75B	P6	R491	G8		
C722	E10	L701	L3	R700	O7		
C723	E10	OW132	L2	R712	B11		
C724	E10	PLL-CLK	A7	R713	B11		
C725	E10	PLL-DI	A7	R714	C10		
C726	E9	PLL-DO	A7	R715	C11		
C727	E9	PN302	B5	R716	F12		
C728	F9	PN311	O3	R717	G11		
C729	P7	PN601	F2	R718	D10		
C730	L2	PN710	I5	R719	D10		
C731	K2	PN820	K3	R720	D9		
C732	F8	Q705	F8	R721	D9		
C733	G8	Q706	D8	R722	E9		
C734	E8	Q707	D7	R723	E9		
C735	E8	Q709	F7	R724	P2		
C736	D8	Q710	F7	R725	L2		
C737	F7	Q711	F6	R726	F4		
C738	D5	Q712	I11	R728	O9		
C739	D5	Q713	I9	R729	O9		
C741	F6	Q714	H8	R730	G3		
C742	G11	Q715	I7	R731	E8		
C743	G11	Q716	I7	R732	E8		
C744	G11	Q717	I5	R733	F8		
C745	G10	Q718	J5	R734	F8		
C746	G10	Q719	M4	R735	F8		
C747	G10	Q720	M7	R736	F8		
C749	H10	Q721	J3	R737	F8		
C750	O7	Q722	J3	R738	F8		
C751	H10	Q723	K3	R739	G8		
C753	H5	Q726	N4	R740	G8		
C754	H6	Q727	O4	R741	D8		
C756	I2	Q728	D5	R742	D7		
C757	I8	Q729	F6	R743	D6		
C758	I12	Q730	F4	R744	E6		
C759	I11	R402	N7	R745	E6		
C760	J11	R403	O8	R746	E7		
C761	I10	R404	P9	R747	E7		
C762	I9	R405	G6	R748	E7		
C763	J9	R406	P10	R749	F7		
C764	J8	R407	G6	R751	E5		
C765	K8	R408	H7	R752	E6		
C766	M11	R409	H7	R753	F5		
C767	L11	R410	H7	R754	F6		
C768	M11	R411	H6	R755	E5		
C769	O11	R412	H5	R756	D5		
C770	O11	R413	H5	R757	D4		
C771	L9	R414	H5	R758	E6		
C772	M8	R415	I6	R759	E6		
C773	M9	R416	I6	R760	E6		
C774	N9	R417	I7	R761	F6		

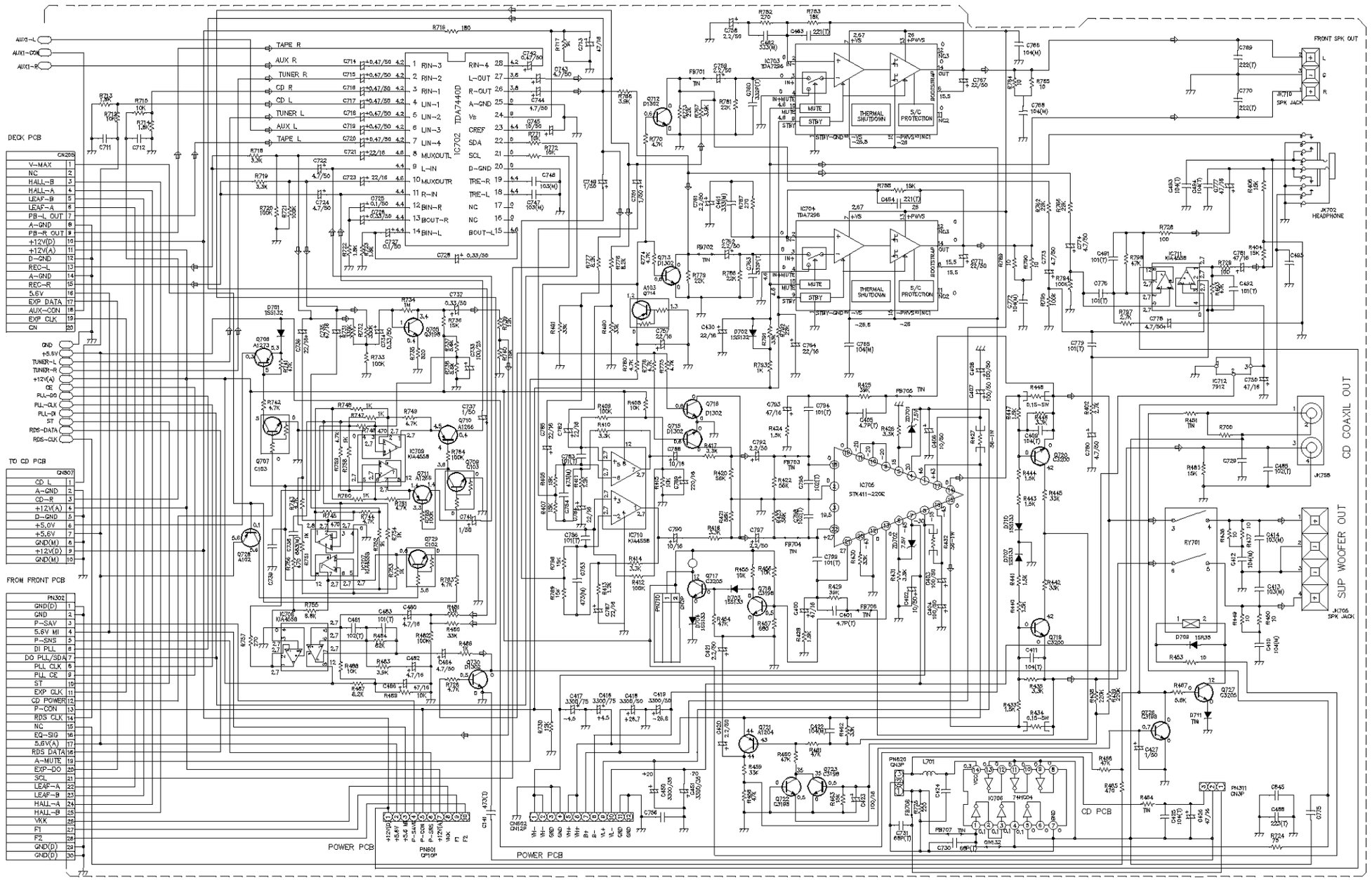
• MAIN 3 (SG2020(M)UL)



LOCATION GUIDE

C411	B10	C779	K7	R440	H8
C412	C10	C780	C10	R443	F7
C413	H11	C781	H8	R444	F7
C414	E11	C782	D5	R445	F7
C415	E11	C783	L9	R446	G7
C416	E11	C785	M5	R447	G7
C417	E11	C786	09	R448	G7
C418	E11	C787	P9	R449	G7
C419	E10	C790	08	R451	E7
C420	E10	C791	F5	R452	E7
C421	E10	C792	F5	R453	E6
C422	D10	CE	B7	R455	G6
C423	E10	CN205	B10	R456	G5
C424	D10	CN701	P5	R457	G6
C425	E10	CN807	B6	R458	F7
C426	E9	D601	M6	R459	G6
C427	E9	D602	Q10	R460	F7
C428	F9	D603	N7	R461	G6
C432	G9	D701	M10	R463	D5
C433	F8	D702	J5	R464	E5
C434	E9	D703	K5	R465	E5
C435	E8	D706	I7	R467	I11
C436	D8	D708	M4	R468	I10
C437	G6	D709	03	R470	I10
C438	G6	D710	P3	R471	H10
C439	F6	D711	05	R472	H10
C441	G6	D720	N5	R474	H10
C442	H11	D721	N5	R480	H8
C443	H11	D722	N4	R602	H5
C444	H11	D723	N4	R603	I4
C445	H10	D751	M10	R604	I4
C446	H10	D758	J5	R605	C4
C447	H10	D779	L7	R606	G4
C457	I9	FB701	J11	R607	09
C490	C6	FB702	L12	R608	I4
C491	C5	FB710	M5	R609	07
C492	C5	FB711	L9	R610	010
C494	D5	FB712	05	R611	P8
C601	P11	FB713	P6	R612	H11
C602	I4	FB751	J10	R613	I5
C603	Q5	FB752	K8	R614	P8
C604	C4	GND	A8	R660	Q10
C605	F5	IC402	F11	R662	H11
C606	F4	IC407	F5	R665	J7
C607	G4	IC408	F5	R667	K6
C608	P9	IC409	G7	R668	09
C609	M6	IC601	N6	R701	I11
C610	07	IC701	L5	R702	I11
C611	06	IC702	J5	R703	J11
C651	P11	IC704	K5	R705	J12
C665	I6	IC710	L10	R706	K12
C666	I6	JK701	Q11	R708	K11
C667	J6	JK702	Q10	R709	L11
C668	L7	JK703	09	R710	K5
C701	J11	L601	M7	R711	M12
C702	J11	OW702	N4	R712	M11
C703	K12	OW752	K9	R713	M11
C704	K11	OW760	C3	R714	M11
C705	L11	OW877	D8	R715	M10
C707	M11	OW878	D8	R716	N10
C708	M10	OW880	D8	R717	J7
C709	N11	OW914	D8	R718	J7
C710	K11	OW915	N6	R720	N11
C711	J7	PLL-CLK	A7	R721	N11
C712	J11	PLL-DI	A7	R722	N9
C715	I11	PLL-DO	A7	R723	N9
C716	M11	PN302	B5	R724	J12
C718	I12	PN311	07	R725	K9
C719	P7	PN820	P6	R726	07
C720	N4	Q412	I11	R727	P5
C721	04	Q413	I9	R728	I4
C722	04	Q414	H9	R730	I12
C723	08	Q419	E5	R741	H8
C724	P6	Q450	E5	R742	M4
C725	I5	Q451	E4	R743	M4
C726	J5	Q453	E5	R744	N3
C727	K4	Q454	E6	R745	N3
C728	M4	Q605	E9	R746	Q3
C729	L5	Q701	N3	R747	Q3
C730	L5	Q702	N11	R748	I8
C731	H8	Q703	I7	R751	I10
C732	N5	Q707	I4	R752	I10
C733	N5	Q752	N9	R753	J10
C734	N4	Q761	I6	R754	E7
C735	P8	Q762	J6	R755	J8
C736	08	Q763	L7	R756	K9
C737	L4	Q764	K8	R758	L9
C738	M4	Q791	I8	R759	L9
C739	03	Q792	H7	R761	M8
C740	N3	R412	B11	R762	M8
C741	N2	R413	B11	R763	M9
C742	03	R414	C10	R764	M9
C745	J5	R415	C11	R765	M10
C751	J9	R416	F12	R766	N10
C752	J10	R417	H11	R770	N9
C753	J9	R418	D10	R771	N9
C754	K9	R419	D10	R772	I7
C755	L9	R420	E9	R773	I6
C757	L9	R421	E9	R774	K9
C758	L9	R422	E9	R780	J9
C759	N8	R423	E9	RDS-CLK	A7
C760	J10	R431	E9	RDS-DATA	A7
C762	J10	R432	E9	RY701	012
C765	J9	R433	E8	ST	B7
C766	M9	R434	E9	TUNER-L	A8
C768	J9	R435	F8	TUNER-R	A8
C770	N5	R436	G8	ZD701	L4
C771	05	R437	G8	ZD702	02
C772	05	R438	F8	ZD708	L11
C778	M5	R439	G9	ZD758	L9

• MAIN 4 (SG3030(M)UL)

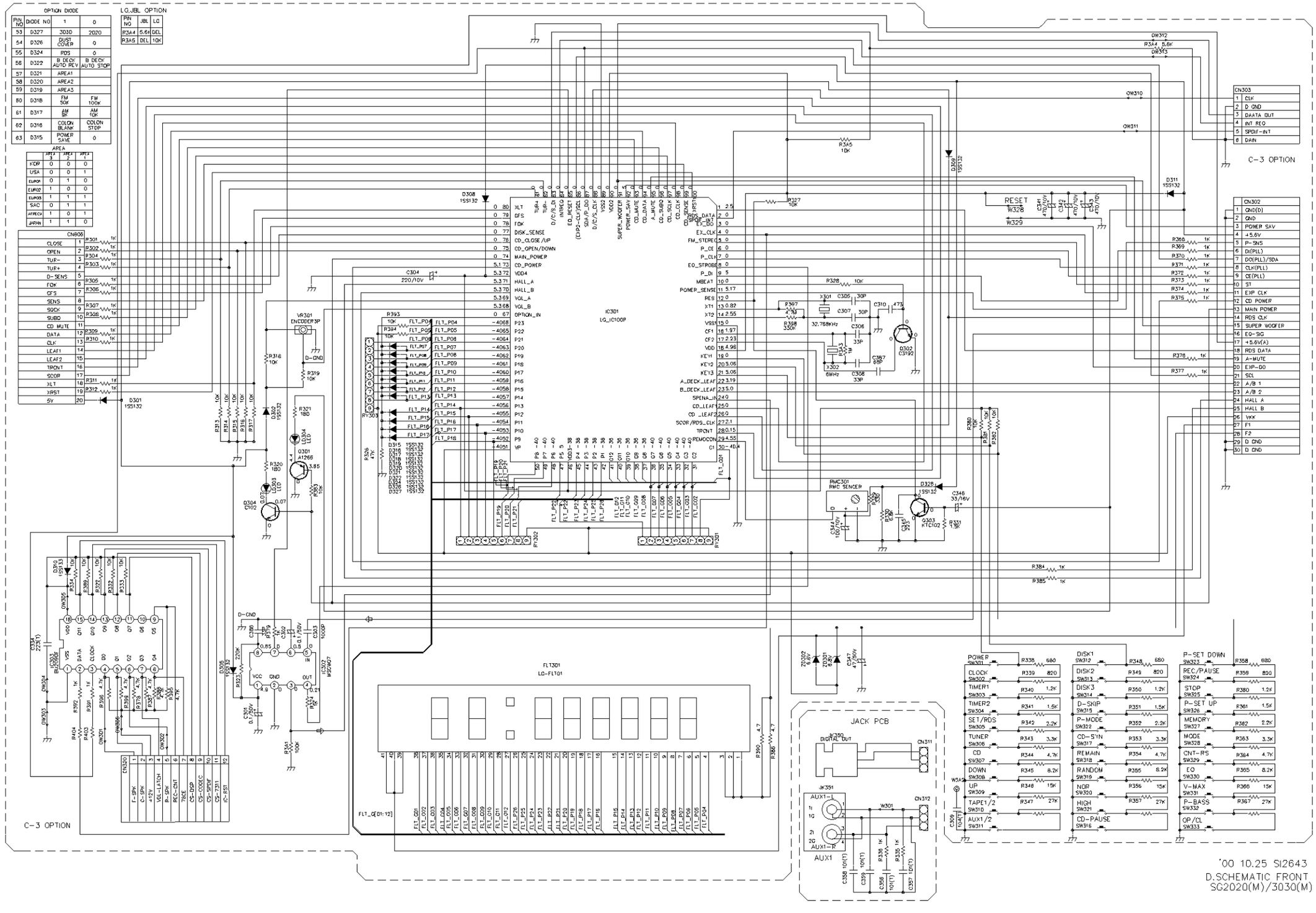


'00 10.25 SI2664
D.SCHEMATIC MAIN
SG3030(M) UL

LOCATION GUIDE

C141	G2	C778	N8	R425	K7	R771	G10
C400	J5	C779	M8	R426	K7	R772	G10
C401	K5	C780	N7	R427	L7	R773	I11
C402	L5	C781	O9	R428	J4	R774	H9
C403	L5	C782	H7	R429	K5	R775	I8
C404	L5	C783	H7	R430	K5	R776	I8
C405	K7	C784	H6	R431	K5	R777	H9
C406	L7	C785	C7	R432	L6	R778	H9
C407	L7	C786	H6	R433	M4	R779	I9
C408	L8	C787	H5	R434	M4	R780	H8
C409	M7	C788	I7	R435	M4	R781	I11
C410	P4	C789	I6	R436	O6	R782	J12
C411	M4	C790	I6	R437	P6	R783	J12
C412	O5	C792	J7	R438	N4	R784	M11
C413	P5	C793	J7	R439	N4	R785	M11
C414	P6	C794	J7	R440	M5	R786	I9
C416	H4	C795	J6	R441	M5	R787	J9
C417	H4	C797	J6	R442	M5	R788	K10
C418	H4	C798	J6	R443	M6	R789	M9
C419	I4	C799	K5	R444	M6	R790	M9
C420	I3	C845	P3	R445	M6	R791	J8
C421	I4	CE	B7	R446	M7	R792	J8
C422	J3	CN205	B10	R447	M7	R793	J8
C423	K3	CN602	P2	R448	M7	R794	M9
C424	L3	CN607	B6	R449	O5	R795	M8
C425	O2	D701	D8	R450	P5	R796	G5
C426	O2	D702	J8	R451	O7	R797	N8
C427	N3	D703	I5	R453	O4	R798	N9
C430	I8	D704	I5	R454	I5	RDS-CLK	A7
C450	I3	D707	M5	R455	J5	RDS-DATA	B7
C451	I3	D709	O4	R456	J5	RY701	O6
C461	I9	D710	M6	R457	J5	ST	B7
C462	J11	D711	O4	R458	J3	TUNER-LAB	
C463	J12	FB701	I11	R459	J3	TUNER-RAB	
C464	K10	FB702	I9	R460	J3	ZD701	L7
C480	F5	FB703	J7	R461	J3	ZD702	K6
C481	E5	FB704	J6	R462	K3		
C482	F4	FB705	K7	R463	K3		
C483	E5	FB706	K5	R464	N3		
C484	F4	FB707	L2	R465	N3		
C485	P6	FB708	L2	R466	N3		
C486	E4	GND	A8	R467	O4		
C488	P2	IC702	F10	R480	F5		
C491	N9	IC703	J11	R481	F5		
C492	O9	IC704	J9	R482	F4		
C493	O10	IC705	K6	R483	E4		
C494	O10	IC706	M3	R484	E4		
C495	P9	IC707	E5	R485	O6		
C711	B10	IC708	D5	R486	F4		
C712	C10	IC709	F7	R487	E4		
C713	H11	IC710	H6	R488	E4		
C714	E11	IC711	O9	R489	E4		
C715	E11	IC712	O7	R490	H8		
C716	E11	JK702	P9	R491	G8		
C717	E11	JK705	Q5	R700	O7		
C718	E11	JK710	P11	R712	B11		
C719	E10	JK758	P6	R713	B11		
C720	E10	L701	L3	R714	C10		
C721	E10	OW132	L2	R715	C11		
C722	E10	PLL-CLK	A7	R716	F12		
C723	E10	PLL-DI	A7	R717	G11		
C724	E10	PLL-DO	A7	R718	D10		
C725	E10	PN302	B5	R719	D10		
C726	E9	PN311	O3	R720	D9		
C727	E9	PN601	F2	R721	D9		
C728	F9	PN710	I5	R722	E9		
C729	O7	PN820	K3	R723	E9		
C730	L2	Q705	F8	R724	P2		
C731	K2	Q706	D8	R725	L2		
C732	F8	Q707	D7	R726	F4		
C733	G8	Q709	F7	R728	N9		
C734	E8	Q710	F7	R729	O9		
C735	E8	Q711	F6	R730	G3		
C736	D8	Q712	I11	R731	E8		
C737	F7	Q713	I9	R732	E8		
C738	D5	Q714	H8	R733	E8		
C739	D5	Q715	I7	R734	F8		
C741	F6	Q716	I7	R735	F8		
C742	G11	Q717	I5	R736	F8		
C743	G11	Q718	J5	R737	F8		
C744	G11	Q719	M4	R738	F8		
C745	G10	Q720	M7	R739	G8		
C746	C10	Q721	J3	R740	G8		
C747	G10	Q722	J3	R741	D6		
C749	H10	Q723	K3	R742	D7		
C750	O7	Q726	N4	R743	D6		
C751	H10	Q727	O4	R744	E6		
C753	H5	Q728	D5	R745	E6		
C754	H6	Q729	F6	R746	E7		
C756	H2	Q730	F4	R747	E7		
C757	I8	R402	N7	R748	E7		
C758	I12	R403	O8	R749	F7		
C759	I11	R404	P9	R751	E5		
C760	J11	R405	G6	R752	E6		
C761	I10	R406	P10	R753	F5		
C762	I9	R407	G6	R754	F6		
C763	J9	R408	H7	R755	E5		
C764	J8	R409	H7	R756	D5		
C765	K8	R410	H7	R757	D4		
C766	M11	R411	H6	R758	E6		
C767	L11	R412	H5	R759	E6		
C768	M11	R413	H5	R760	E6		
C769	O11	R414	H5	R761	F6		
C770	O11	R415	I6	R762	M9		
C771	L9	R416	I6	R763	F5		
C772	M8	R417	I7	R764	F7		
C773	M9	R420	I6	R765	F6		
C774	N9	R421	I6	R766	M9		
C775	P2	R422	J6	R767	I11		
C776	N9	R423	J6	R768	H11		
C777	O10	R424	J7	R769	G5		
				R770	I10		

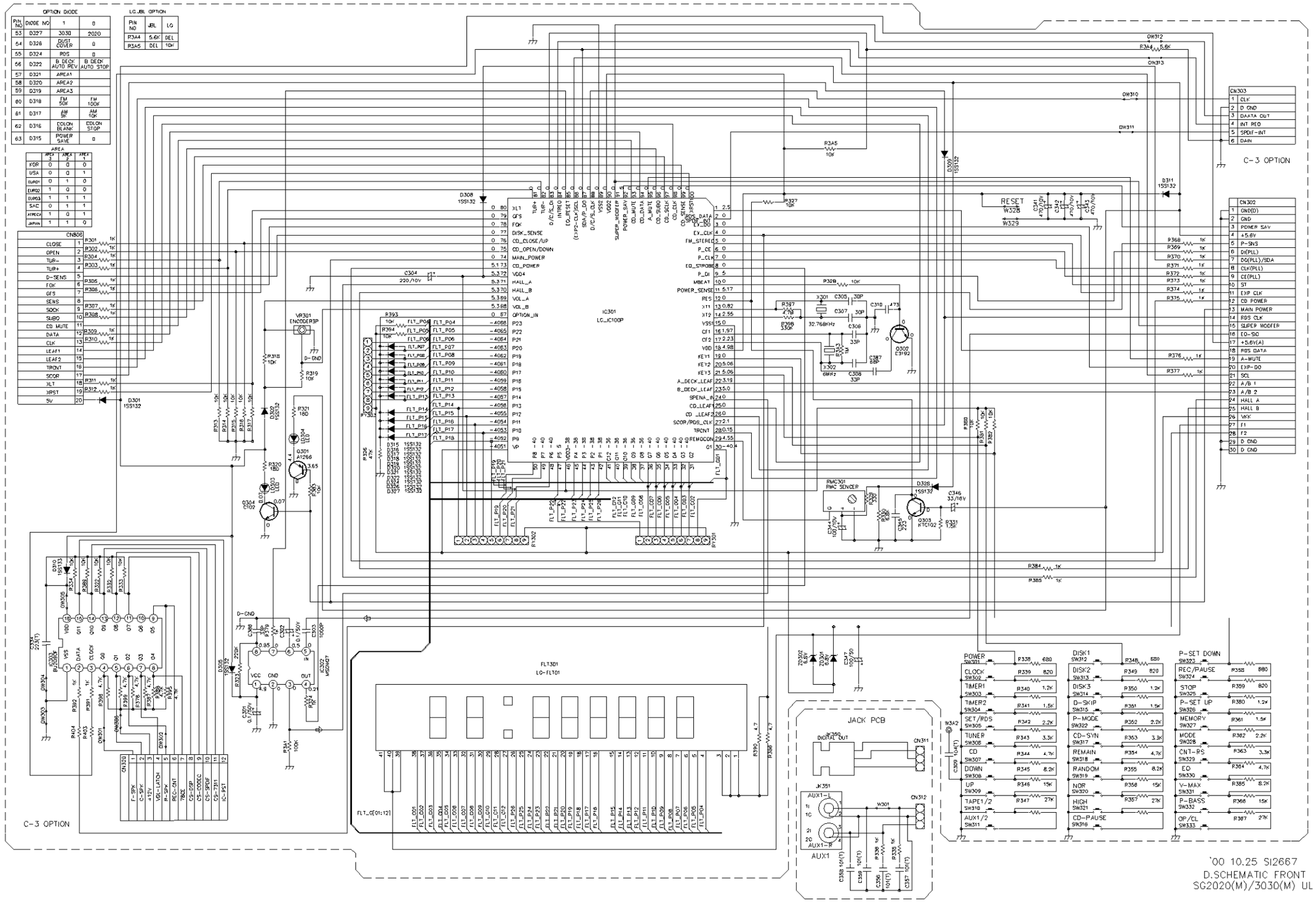
• FRONT 1 (SG2020(M)/SG3030(M))



LOCATION GUIDE

C301	D3	R341	M3
C302	D4	R342	M3
C303	E4	R343	M3
C304	F9	R344	M3
C305	K8	R345	M3
C306	K8	R346	M2
C307	K8	R347	M2
C308	K7	R348	O4
C309	M2	R349	O4
C310	L8	R350	O4
C334	A4	R351	O3
C341	N9	R352	O3
C342	N9	R353	O3
C343	N9	R354	O3
C344	K5	R355	O3
C345	L6	R356	O2
C346	M6	R357	O2
C347	K4	R358	P4
C356	L1	R359	P4
C357	L1	R360	P4
C358	K1	R361	P3
C359	K1	R362	P3
C386	D4	R363	P3
C387	L8	R364	P3
CN302	P9	R365	P3
CN303	P11	R366	P2
CN311	L3	R367	P2
CN312	L2	R368	O9
CN320	C3	R369	O9
CN806	B9	R370	O9
D301	C7	R371	O9
D302	D7	R372	O9
D305	D4	R373	O9
D308	G10	R374	O8
D309	M10	R375	O8
D310	B5	R376	O8
D311	O10	R377	O7
D315	F7	R378	C3
D316	F6	R379	D4
D317	F6	R380	M7
D318	F6	R381	M7
D319	F6	R382	M7
D320	F6	R383	E6
D321	F6	R384	N5
D322	F6	R385	N5
D324	F6	R386	J3
D326	F6	R387	C3
D327	F6	R388	C3
D328	L6	R389	B5
IC301	H8	R390	J3
IC302	E4	R391	B3
IC303	B4	R392	B3
JK350	K3	R393	F8
JK351	K2	R394	F8
LD303	D6	R395	C3
LD304	E7	R396	B3
OW301	B3	R397	K8
OW302	C3	R398	K8
OW303	B3	R399	C3
OW304	B4	R3A1	E3
OW305	B5	R3A3	K8
OW306	B3	R3A4	O11
OW310	O11	R3A5	K10
OW311	O10	R403	B3
OW312	O11	R404	B3
OW313	O11	RMC301	K6
Q301	E6	RY301	J5
Q302	L8	RY302	H5
Q303	L6	RY303	E7
R301	B9	SW301	M4
R302	B9	SW302	M4
R303	B9	SW303	M4
R304	B9	SW304	M3
R305	B9	SW305	M3
R306	B8	SW306	M3
R307	B8	SW307	M3
R308	B8	SW308	M3
R309	B8	SW309	M2
R310	B8	SW310	M2
R311	B7	SW311	M2
R312	B7	SW312	N4
R313	D7	SW313	N4
R314	D7	SW314	N4
R315	D7	SW315	N3
R316	D7	SW316	N2
R317	D7	SW317	N3
R318	D8	SW318	N3
R319	E7	SW319	N3
R320	D6	SW320	N2
R321	E7	SW321	N2
R322	B5	SW322	N3
R323	D4	SW323	O4
R324	E3	SW324	O4
R326	E6	SW325	O4
R327	K9	SW326	O3
R328	K9	SW327	O3
R329	L6	SW328	O3
R330	L6	SW329	O3
R331	M6	SW330	O3
R332	B5	SW331	O2
R333	C5	SW332	O2
R334	B5	SW333	O2
R335	L2	VR301	E8
R336	L2	W3A2	M2
R338	M4	X301	K8
R339	M4	X302	K7
R340	M4	ZD301	K4
		ZD302	K4

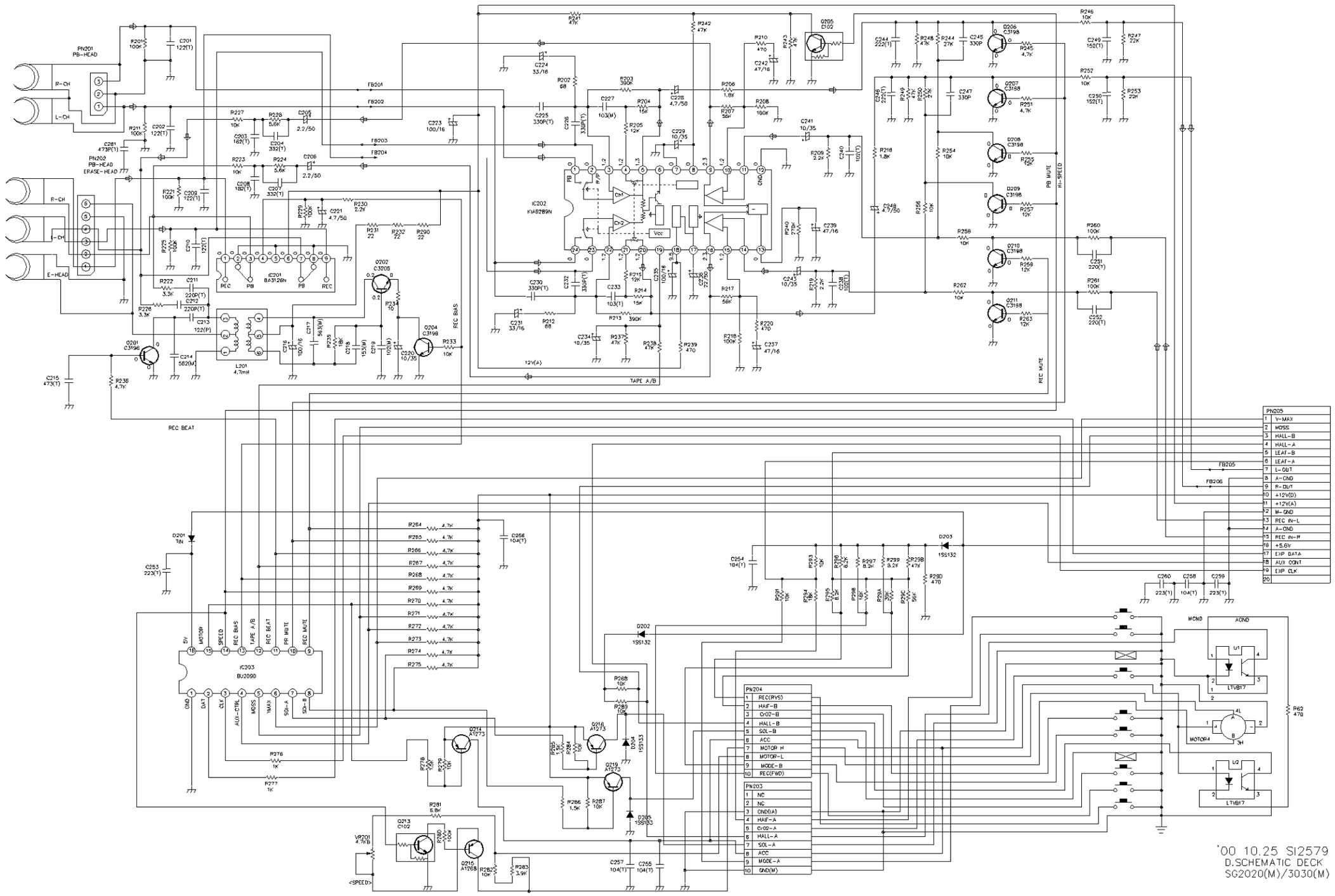
• FRONT 2 (SG2020(M)UL/SG3030(M)UL)



LOCATION GUIDE

C301	D3	R340	M4
C302	D4	R341	M3
C303	E4	R342	M3
C304	F9	R343	M3
C305	K8	R344	M3
C306	K8	R345	M3
C307	K8	R346	M2
C308	K7	R347	M2
C309	M3	R348	O4
C310	L8	R349	O4
C334	A4	R350	O4
C341	N9	R351	O3
C342	N9	R352	O3
C343	N9	R353	O3
C344	K5	R354	O3
C345	L6	R355	O3
C346	M6	R356	O2
C347	K4	R357	O2
C356	L1	R358	P4
C357	L1	R359	P4
C358	K1	R360	P3
C359	K1	R361	P3
C386	D4	R362	P3
C387	L8	R363	P3
CN302	P9	R364	P3
CN303	P11	R365	P2
CN311	L3	R366	P2
CN312	L2	R367	P2
CN320	C3	R368	O9
CN806	B9	R369	O9
D301	C7	R370	O9
D302	D7	R371	O9
D305	D4	R372	O9
D308	G10	R373	O9
D309	M10	R374	O8
D310	B5	R375	O8
D311	G10	R376	O8
D315	F7	R377	O7
D316	F6	R378	C3
D317	F6	R379	D4
D318	F6	R380	M7
D319	F6	R381	M7
D320	F6	R382	M7
D321	F6	R383	E6
D322	F6	R384	N5
D324	F6	R385	N5
D326	F6	R386	J3
D327	F6	R387	C3
D328	L6	R388	C3
FLT301	H4	R389	B5
IC301	H8	R390	J3
IC302	E4	R391	B3
IC303	B4	R392	B3
JK350	K3	R393	F8
JK351	K2	R394	F8
LD303	D6	R395	C3
LD304	E7	R396	B3
OW301	B3	R397	K8
OW302	C3	R398	K8
OW303	B3	R399	C3
OW304	B4	R3A1	E3
OW305	B5	R3A3	K8
OW306	B3	R3A4	O11
OW310	O11	R3A5	K10
OW311	O10	R403	B3
OW312	O11	R404	B3
OW313	O11	RMC301	K6
Q301	E6	RY301	J5
Q302	L8	RY302	H5
Q303	L6	RY303	E7
Q304	D6	SW301	M4
R301	B9	SW302	M4
R302	B9	SW303	M4
R303	B9	SW304	M3
R304	B9	SW305	M3
R305	B9	SW306	M3
R306	B8	SW307	M3
R307	B8	SW308	M3
R308	B8	SW309	M2
R309	B8	SW310	M2
R310	B8	SW311	M2
R311	B7	SW312	N4
R312	B7	SW313	N4
R313	D7	SW314	N4
R314	D7	SW315	N3
R315	D7	SW316	N2
R316	D7	SW317	N3
R317	D7	SW318	N3
R318	D8	SW319	N3
R319	E7	SW320	N2
R320	D6	SW321	N2
R321	E7	SW322	N3
R322	B5	SW323	O4
R323	D4	SW324	O4
R324	E3	SW325	O4
R326	E6	SW326	O3
R327	K9	SW327	O3
R328	K9	SW328	O3
R329	L6	SW329	O3
R330	L6	SW330	O3
R331	M6	SW331	O2
R332	B5	SW332	O2
R333	C5	SW333	O2
R334	B5	VR301	E8
R335	L2	W3A2	M3
R336	L2	X301	K8
R338	M4	X302	K7
R339	M4	ZD301	K4
		ZD302	K4

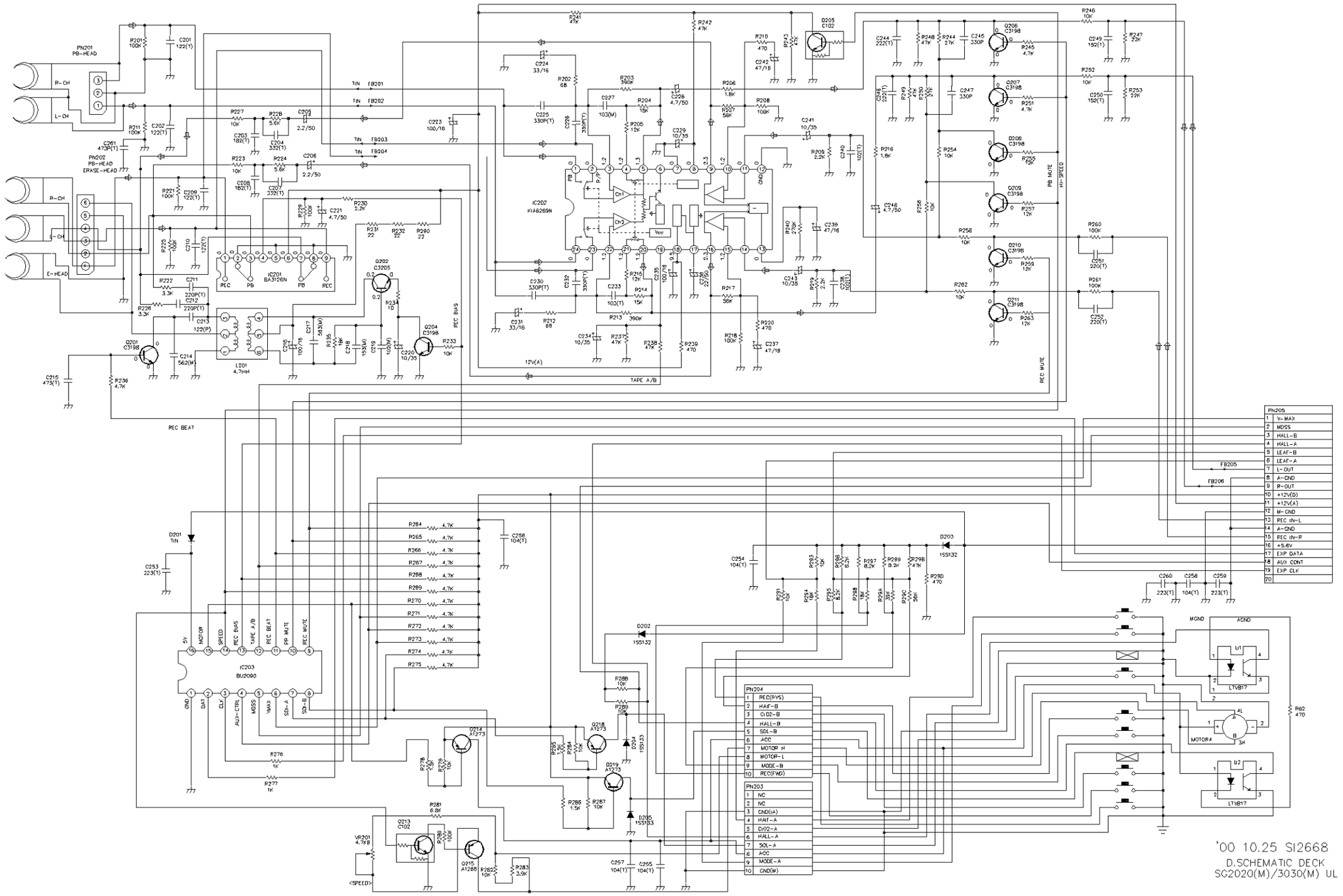
• DECK 1 (SG2020(M)/SG3030(M))



LOCATION GUIDE

C201	C11	R206	J11
C202	C10	R207	J10
C203	D10	R208	J10
C204	D10	R209	K10
C205	E10	R210	J11
C206	E10	R211	C10
C207	D9	R212	H8
C208	D9	R213	H8
C209	C9	R214	I8
C210	C9	R215	I8
C211	C8	R216	L10
C212	C8	R217	J8
C213	C8	R218	J8
C214	C7	R219	K8
C215	B7	R220	J8
C216	E7	R221	C9
C217	E8	R222	C8
C218	E7	R223	D10
C219	F7	R224	D10
C220	F7	R225	C9
C221	E9	R226	C8
C223	F10	R227	D10
C224	C11	R228	D10
C225	G10	R229	E9
C226	H10	R230	E9
C227	H10	R231	E9
C228	I10	R232	F9
C229	I10	R233	F7
C230	G8	R234	F8
C231	C8	R235	E7
C232	H8	R236	C7
C233	H8	R237	H8
C234	H8	R238	I7
C235	I8	R239	I7
C236	I8	R240	J9
C237	J7	R241	H11
C238	K8	R242	I11
C239	K9	R243	J11
C240	K10	R244	L11
C241	K10	R245	M11
C242	J11	R246	N11
C243	J8	R247	O11
C244	L11	R248	L11
C245	M11	R249	L10
C246	L10	R250	L10
C247	M10	R251	M10
C248	L9	R252	N11
C249	N11	R253	O10
C250	N10	R254	L10
C251	N8	R255	M10
C252	N8	R256	L9
C253	C5	R257	M9
C254	J5	R258	L9
C255	I1	R259	M8
C256	G5	R260	N9
C257	H1	R261	N8
C258	O5	R262	L8
C259	P5	R263	M8
C260	O5	R264	F5
C261	B10	R265	F5
D201	C5	R266	F5
D202	I4	R267	F5
D203	L5	R268	F5
D204	I3	R269	F5
D205	I2	R270	F4
FB201	F11	R271	F4
FB202	F10	R272	F4
FB203	F10	R273	F4
FB204	F10	R274	F4
FB205	P6	R275	F4
FB206	O6	R276	D3
IC201	D8	R277	D2
IC202	G9	R278	F2
IC203	D4	R279	F2
L201	D7	R280	F2
MOTOR4	O3	R281	F2
PN201	B11	R282	G1
PN202	B10	R283	G1
PN203	J2	R284	H3
PN204	J3	R285	H3
PN205	P7	R286	H2
Q201	C7	R287	H2
Q202	F8	R288	H4
Q204	F8	R289	H3
Q205	K11	R290	F9
Q206	M11	R291	J4
Q207	M11	R293	K5
Q208	M10	R294	K4
Q209	M9	R295	K4
Q210	M9	R296	K5
Q211	M8	R297	K5
Q213	F2	R298	K4
Q214	G3	R299	L5
Q215	G1	R29A	L4
Q218	H3	R29B	L5
Q219	H2	R29C	L4
R201	C11	R29D	L5
R202	H11	R62	P3
R203	H11	U1	P4
R204	I10	U2	P3
R205	I10	VR201	E2

• DECK 2 (SG2020(M)UL/SG3030(M)UL)



LOCATION GUIDE

C201	C11	R206	J11
C202	C10	R207	J10
C203	D10	R208	J10
C204	D10	R209	K10
C205	E10	R210	J11
C206	E10	R211	C10
C207	D9	R212	H8
C208	D9	R213	H8
C209	C9	R214	I8
C210	C9	R215	I8
C211	C8	R216	L10
C212	C8	R217	J8
C213	C6	R218	J8
C214	C7	R219	K8
C215	B7	R220	J8
C216	E7	R221	C9
C217	E8	R222	C8
C218	E7	R223	D10
C219	F7	R224	D10
C220	F7	R225	C9
C221	E9	R226	C8
C223	F10	R227	D10
C224	G11	R228	D10
C225	G10	R229	E9
C226	H10	R230	E9
C227	H10	R231	E9
C228	I10	R232	F9
C229	I10	R233	F7
C230	G8	R234	F8
C231	G5	R235	E7
C232	H8	R236	C7
C233	H8	R237	H8
C234	H8	R238	I7
C235	I8	R239	I7
C236	I8	R240	J9
C237	J7	R241	H11
C238	K8	R242	I11
C239	K9	R243	J11
C240	K10	R244	L11
C241	K10	R245	M11
C242	J11	R246	N11
C243	J8	R247	O11
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C246	L10	R250	L10
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C248	L9	R252	N11
C249	N11	R253	O10
C250	N10	R254	L10
C251	N8	R255	M10
C252	N8	R256	L9
C253	C5	R257	M9
C254	J5	R258	L9
C255	I1	R259	M8
C256	G5	R260	N9
C257	H1	R261	N8
C258	O5	R262	L8
C259	P5	R263	M8
C260	O5	R264	F5
C261	B10	R265	F5
D201	C5	R266	F5
D202	I4	R267	F5
D203	L5	R268	F5
D204	I3	R269	F5
D205	I2	R270	F4
FB201	F11	R271	F4
FB202	F10	R272	F4
FB203	F10	R273	F4
FB204	F10	R274	F4
FB205	P6	R275	F4
FB206	O6	R276	D3
IC201	D5	R277	D2
IC202	G9	R278	F2
IC203	D4	R279	F2
L201	D7	R280	F2
MOTOR4	O3	R281	F2
PN201	B11	R282	G1
PN202	B10	R283	G1
PN203	J2	R284	H3
PN204	J3	R285	H3
PN205	P7	R286	H2
Q201	C7	R287	H2
Q202	F8	R288	H4
Q204	F8	R289	H3
Q205	K11	R290	F9
Q206	M11	R291	J4
Q207	M11	R293	K5
Q208	M10	R294	K4
Q209	M9	R295	K4
Q210	M9	R296	K5
Q211	M8	R297	K5
Q213	F2	R298	K4
Q214	G3	R299	L5
Q215	G1	R29A	L4
Q218	H3	R29B	L5
Q219	H2	R29C	L4
R201	C11	R29D	L5
R202	H11	R62	P3
R203	H11	U1	P4
R204	I10	U2	P3
R205	I10	VR201	E2

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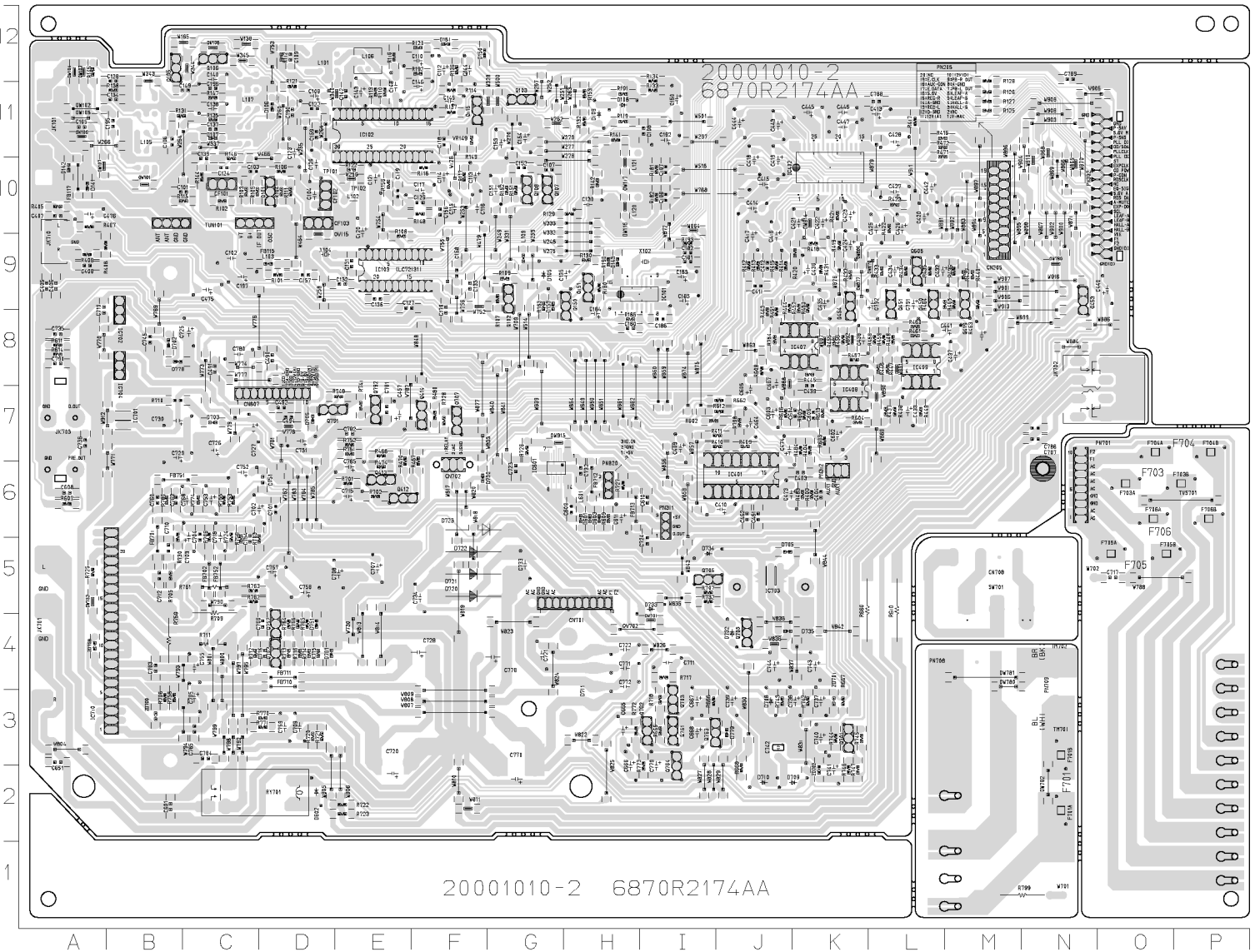
D.SCHEMATIC DECK
SG2020(M)/3030(M) UL

PCB BOARD

1. MAIN BOARD 1 (SG2020)



LOCATION GUIDE

C101	C10	C415	J10	C728	F4	D722	F5	PN701	N7	R153	H11	R613	K7		
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C103	C10	C417	J9	C730	B7	D730	F6	PN709	N4	R180	H9	R660	K5		
C104	D10	C418	J10	C731	D7	D732	J4	PN820	H6	R181	I10	R662	J7		
C105	A11	C419	J10	C732	H6	D733	I5	Q101	D10	R182	I10	R665	I3		
C106	B11	C420	L10	C733	G5	D734	I5	Q102	G9	R183	G9	R666	I3		
C107	G10	C421	K10	C734	F5	D735	J4	Q103	G11	R185	H8	R667	K3		
C108	D11	C422	K10	C735	A8	D751	D4	Q105	B12	R190	H9	R668	J2		
C109	D12	C423	K10	C736	A7	D778	B8	Q106	C12	R191	H11	R701	E6		
C110	F12	C424	K9	C737	K3	D779	J3	Q107	G10	R192	F12	R702	E6		
C112	F12	C425	L10	C738	K3	F701A	N2	Q108	G10	R193	I9	R703	D5		
C113	F10	C426	L10	C739	J3	F701B	N3	Q115	F11	R403	K6	R705	B5		
C114	F10	C427	L10	C740	K3	F703A	O6	Q150	H9	R404	K7	R706	C6		
C115	F10	C428	L11	C741	K2	F703B	P6	Q151	H9	R405	A10	R707	I5		
C116	F10	C432	L9	C742	J3	F704A	O7	Q412	E6	R406	A9	R708	B3		
C117	F10	C433	L7	C743	K4	F704B	P7	Q413	E6	R407	A10	R709	C5		
C118	F11	C434	L9	C744	J4	F705A	O5	Q414	F7	R408	A9	R710	B7		
C119	E10	C435	K9	C745	B8	F705B	O5	Q419	M9	R409	J7	R711	C4		
C120	E10	C436	K9	C751	D6	F706A	O6	Q450	L9	R410	J7	R712	C4		
C121	E10	C437	M8	C752	C6	F706B	P6	Q451	L9	R411	J7	R713	D4		
C122	D11	C438	K8	C753	C6	FB115	D9	Q453	N8	R412	J9	R714	D4		
C123	D11	C439	K7	C754	C5	FB117	A10	Q454	K9	R413	J9	R715	D4		
C124	C10	C440	O9	C755	C4	FB701	B5	Q605	L9	R414	J9	R716	D4		
C126	D10	C441	M8	C757	D5	FB702	C5	Q701	K3	R415	J9	R717	I4		
C127	E9	C442	L10	C758	D5	FB710	D4	Q702	D4	R416	L11	R718	I3		
C128	B12	C443	J11	C759	D3	FB711	D4	Q703	I3	R417	L11	R720	D3		
C129	F10	C444	J11	C760	B6	FB712	H6	Q705	J4	R418	K9	R721	D3		
C130	H10	C445	K11	C762	B6	FB713	H6	Q706	I5	R419	K9	R722	E2		
C131	E9	C446	K11	C765	E6	FB751	B6	Q707	F7	R420	K9	R723	E2		
C132	E9	C447	K11	C766	D4	FB752	C5	Q752	D4	R421	K10	R724	C6		
C133	F9	C457	E7	C768	C6	IC102	E11	Q761	I3	R422	L10	R725	A5		
C134	B11	C461	J6	C770	G2	IC103	E9	Q762	I3	R423	L10	R726	G7		
C135	H9	C462	J6	C771	H4	IC401	J6	Q763	I3	R431	K9	R727	H6		
C136	E9	C464	J7	C772	H4	IC407	K8	Q764	I2	R432	K9	R728	F7		
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C139	C10	C475	C9	C780	C8	IC701	B7	R101	D9	R435	L9	R741	E7		
C140	C12	C476	A10	C781	E7	IC702	B8	R102	C10	R436	M9	R742	K3		
C142	E11	C490	D8	C782	E7	IC703	J5	R103	C10	R437	L7	R743	J3		
C143	E11	C491	C8	C783	B4	IC704	B8	R104	D10	R438	L7	R744	K3		
C144	F12	C492	D7	C784	C3	IC710	B4	R105	C10	R439	M9	R745	K3		
C145	F11	C494	D7	C785	C3	JK101	A11	R106	D10	R440	M9	R746	K2		
C146	F11	C501	B2	C786	N7	JK701	A4	R107	G9	R443	J8	R747	K2		
C148	E11	C502	K7	C787	N7	JK702	O7	R108	E9	R444	J9	R748	E7		
C149	C11	C503	J7	C788	L11	JK703	A7	R109	G9	R445	K8	R751	E7		
C150	I11	C504	K7	C789	N12	JK710	A9	R110	E11	R446	L8	R752	E7		
C151	G10	C505	J7	C790	A8	L101	D12	R111	D10	R447	L8	R753	C6		
C152	G10	C506	K7	C791	L9	L102	E10	R112	D12	R448	L8	R754	J8		
C153	G11	C507	J8	C792	L9	L103	D9	R113	E11	R449	L7	R755	C6		
C154	G11	C508	A6	CF101	C10	L105	B11	R114	F11	R451	J8	R756	C5		
C156	F10	C509	H6	CF102	D10	L106	E12	R115	C10	R452	K9	R758	B3		
C157	D9	C510	I6	CF103	D10	L107	C11	R116	E12	R453	K9	R759	B4		
C158	F9	C511	H6	CN205	M10	L109	G9	R117	F10	R455	K8	R761	C5		
C159	D11	C651	A3	CN701	G5	L120	I10	R118	F10	R456	K8	R762	C5		
C179	F8	C665	H3	CN702	F6	L121	I10	R119	H11	R457	K8	R763	C5		
C180	H8	C666	H2	CN708	M5	L601	H6	R120	F12	R458	L8	R764	D4		
C181	I9	C667	I3	CN807	C7	QW101	B10	R121	D11	R459	L8	R765	D4		
C182	I9	C668	I3	D105	G9	QW102	A11	R122	E10	R460	L8	R766	D4		
C183	I9	C701	D6	D106	D11	QW103	A12	R125	M11	R461	L8	R770	D3		
C184	H8	C702	D6	D107	A12	QW104	A12	R126	M11	R463	M9	R771	D3		
C185	I9	C703	O6	D108	H11	QW105	A11	R127	M11	R464	M9	R772	H3		
C186	I8	C704	C6	D109	H11	QW106	A11	R128	M12	R465	M9	R773	I2		
C187	I10	C705	C3	D141	A10	QW107	A10	R129	H10	R467	F6	R774	C6		
C188	I10	C707	E5	D142	A10	QW108	C12	R130	H9	R468	E7	R780	B6		
C190	D11	C708	E5	D143	H9	QW115	D9	R131	B11	R470	E6	R798	J7		
C192	I11	C709	D3	D150	F12	QW116	H10	R132	H11	R471	L11	R799	N1		
C195	B11	C710	B5	D151	F12	QW117	H10	R133	I11	R472	L11	RY701	C2		
C196	C11	C711	I4	D153	G9	QW701	I4	R134	I12	R474	E6	SW701	M5		
C197	C9	C712	B5	D601	H6	QW702	H4	R135	C11	R480	F7	TM701	N3		
C198	I11	C715	E6	D602	D2	QW752	A5	R136	F12	R483	K6	TM702	N4		
C403	K6	C716	D4	D603	H6	QW760	N9	R137	F11	R484	K7	TP101	D10		
C404	K6	C717	O5	D701	D4	QW780	M4	R138	B11	R602	I7	TP102	E10		
C405	A9	C718	C6	D702	B8	QW781	M4	R141	H11	R603	K7	TUN101	C10		
C406	A9	C719	A8	D703	C7	QW782	N2	R142	H10	R604	K7	TVS701	P6		
C407	A10	C720	E3	D705	J5	QW877	K9	R144	C10	R605	K7	VR149	F11		
C408	A9	C721	G4	D706	D7	QW878	L9	R145	A12	R606	J7	X102	I9		
C409	I7	C722	H4	D708	J3	QW880	K9	R146	C10	R607	A6	X104	D9		
C410	J6	C723	G6	D709	K2	QW914	K10	R147	C11	R608	J8	ZD701	K3		
C411	J9	C724	I5	D710	J2	QW915	G7	R148	F10	R609	H6	ZD702	K2		
C412	J9	C725	C8	D711	H4	PN302	O10	R149	F11	R610	L5	ZD708	B3		
C413	L11	C726	C7	D720	F5	PN311	I6	R151	C10	R611	A8	ZD758	A4		
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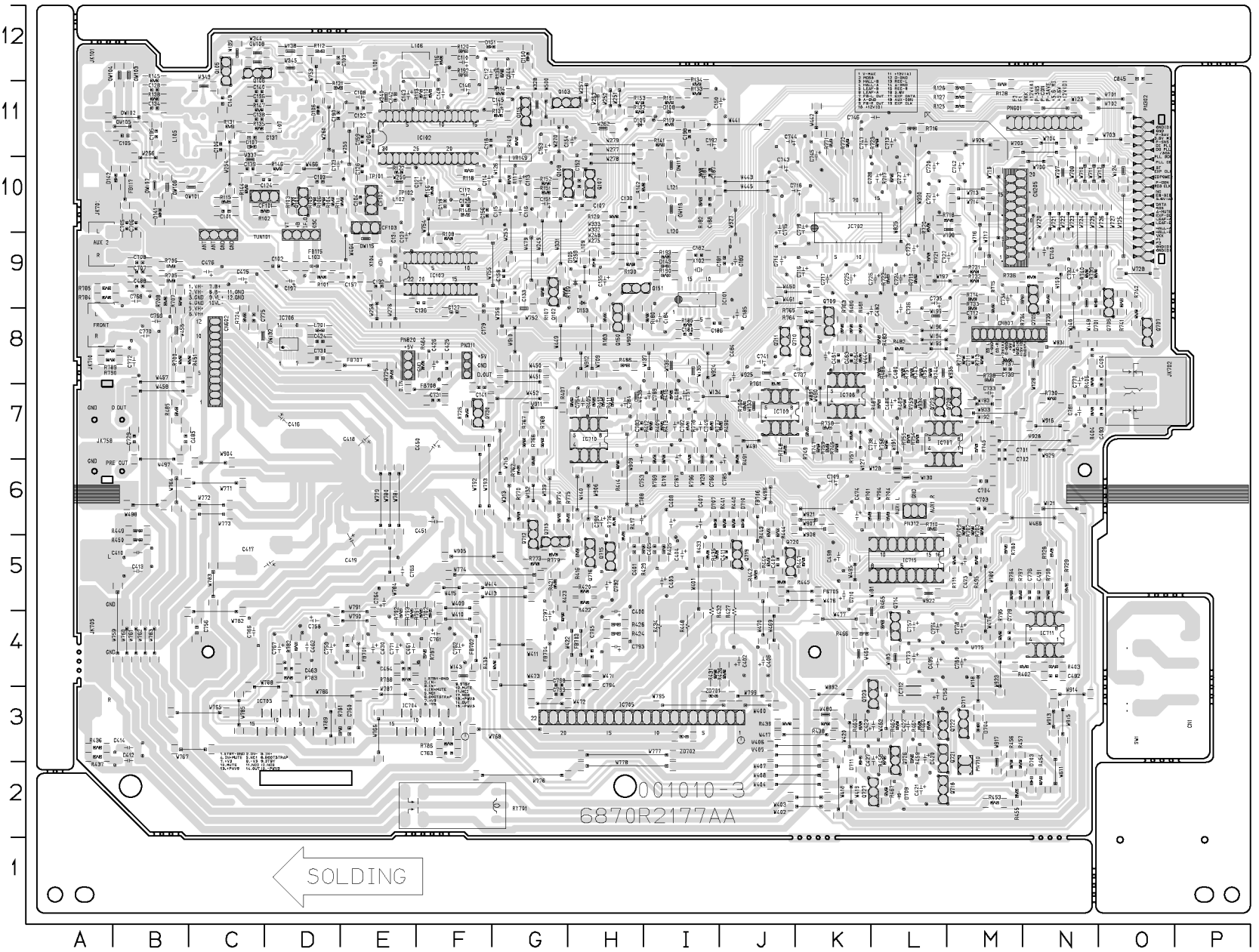
1. MAIN BOARD 2 (SG3030)



LOCATION GUIDE

D101	C39	C401	H5	C722	M9	C769	G3	GW104	B13	R127	M11	R443	J6	R736	M8
D102	D9	C402	H5	C723	L9	C845	D13	GW105	B11	R128	M11	R444	J6	R737	M8
D103	D10	C403	I5	C724	L9	CF101	D10	GW106	B13	R129	H10	R445	J5	R738	M8
D104	E10	C404	I5	C725	K9	CF102	E10	GW107	B13	R130	H9	R446	J5	R739	M8
D105	B11	C405	I5	C726	L9	CF103	E10	GW108	C13	R131	C11	R447	K5	R740	M8
D106	C11	C406	I4	C727	L10	CN1	F4	GW115	E9	R132	H11	R448	I4	R741	G9
D107	H9	C407	I5	C728	L10	CN2325	M10	GW117	I10	R133	I11	R449	B5	R742	G8
D108	E11	C408	I6	C729	B7	CN602	C7	GW118	I10	R134	I11	R450	B6	R743	L8
D109	D13	C409	J5	C730	D8	CN897	M8	GW130	C9	R135	C11	R451	C8	R744	L8
D110	F13	C410	B5	C731	F7	D105	H5	PN302	D10	R136	C12	R452	M3	R745	M7
D112	F12	C411	J5	C732	N9	D106	D11	PN311	F8	R137	G11	R454	M2	R746	K7
D113	G10	C412	B3	C733	M7	D107	C11	PN312	L6	R138	B11	R455	M2	R747	K7
D114	F10	C413	B5	C734	M9	D108	I11	PN501	M11	R141	I11	R456	M2	R748	J7
D115	G10	C414	B3	C735	L9	D109	H11	PN716	M2	R142	I10	R457	M3	R749	K7
D116	G10	C416	D7	C736	L8	D141	B10	PN820	E8	R144	C9	R458	L3	R751	L8
D117	G10	C417	C5	C737	K8	D142	B10	Q101	D10	R145	B12	R459	L3	R752	L8
D118	F10	C418	E7	C738	L7	D143	I9	Q102	G9	R146	D10	R460	L3	R753	L7
D119	F10	C419	E5	C739	N6	D150	C10	Q103	G11	R147	C11	R461	L3	R754	L7
D120	E9	C420	L9	C740	N9	D151	F12	Q105	C12	R148	F10	R462	L3	R755	L7
D121	F10	C421	L3	C741	J8	D153	H9	Q106	C13	R149	G11	R463	K3	R756	L7
D122	E11	C423	L5	C742	M10	D701	N9	Q107	H9	R150	G11	R464	F8	R757	K7
D123	D10	C424	L5	C743	J10	D702	F4	Q108	H9	R152	G10	R465	L4	R758	K7
D124	D10	C425	F8	C744	J11	D703	N2	Q115	G11	R153	H11	R466	K4	R759	K7
D126	E10	C426	F8	C745	K11	D704	M3	Q150	H9	R155	F10	R467	L4	R760	J7
D127	F8	C428	F8	C746	L11	D707	I6	Q151	H8	R160	E8	R468	K8	R761	J7
D128	B11	C429	E4	C747	K11	D709	L2	Q705	M8	R161	I10	R481	K8	R762	G6
D129	F10	C430	E4	C749	I7	D710	J6	Q706	G9	R162	I10	R482	L8	R763	K8
D130	H10	C450	F7	C750	L3	D711	K3	Q707	D8	R163	H8	R483	L8	R764	K8
D131	E9	C451	F6	C751	I7	FB115	D9	Q709	K8	R165	I9	R484	K8	R765	K8
D132	E9	C491	E6	C753	H6	FB117	B10	Q710	K8	R190	I9	R485	B7	R766	G6
D133	B9	C493	D4	C754	C4	FB701	F4	Q711	L8	R191	I11	R486	H8	R767	K7
D134	H9	C494	E4	C756	C4	FB702	F4	Q712	G6	R192	F12	R487	L1	R768	G7
D135	H9	C494	E4	C757	L4	FB703	H4	Q713	G5	R193	I9	R488	L8	R769	I6
D136	I9	C473	K6	C758	L4	FB704	G4	Q714	L7	R194	I9	R489	L8	R770	G6
D137	C11	C474	K6	C759	D4	FB705	K5	Q715	H5	R403	N4	R490	J7	R771	K11
D138	C11	C475	C9	C760	E3	FB706	J6	Q716	H5	R404	N7	R491	J6	R772	K11
D139	C10	C476	C9	C761	F4	FB707	E8	Q717	H5	R405	H7	R495	M5	R773	G8
D140	C11	C480	L8	C762	F4	FB708	F7	Q719	L2	R406	N8	R700	B8	R774	G8
D141	F11	C481	L8	C763	F3	IC101	F9	Q719	J5	R407	H7	R701	K6	R775	H6
D142	F11	C482	K8	C764	E3	IC102	E11	Q720	J5	R408	I7	R702	M6	R776	H6
D143	E11	C483	K8	C765	E6	IC103	E9	Q721	L3	R409	I7	R703	M6	R777	I7
D144	G11	C484	J8	C766	D4	IC102	K10	Q722	L3	R410	I7	R704	L6	R778	I7
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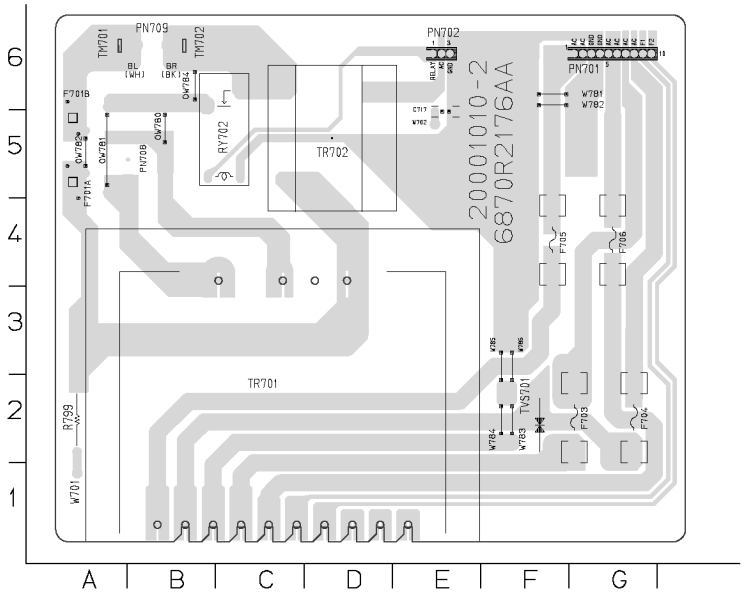
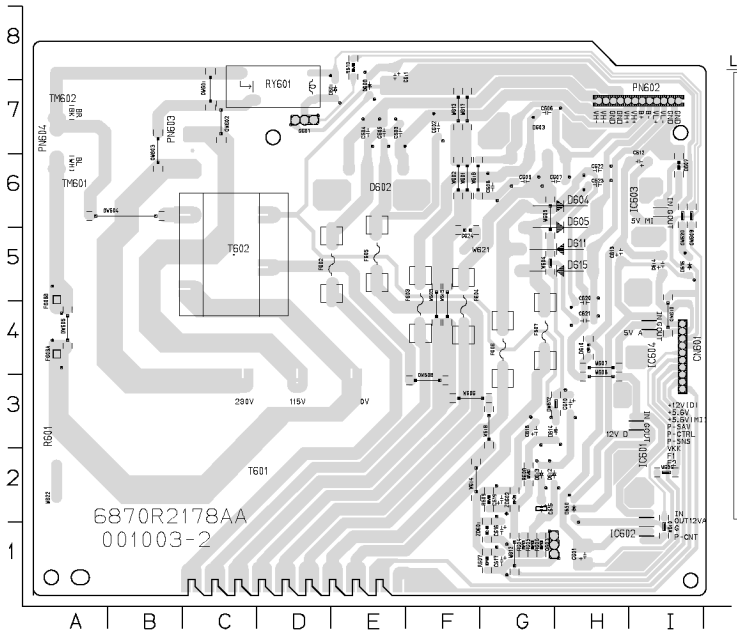
D146	F11	C486	I7	C768	B9	IC704	F3	Q726	L3	R412	I7	R706	B9	R780	M5
D148	F11	C488	B6	C769	B8	IC705	H3	Q727	L2	R413	I6	R707	B9	R781	E3
D149	J11	C490	N4	C770	B8	IC706	D8	Q728	M7	R414	H6	R708	B9	R782	D4
D150	J11	C492	N4	C772	B6	IC707	M6	Q729	L7	R415	I7	R709	M6	R783	D4
D151	G10	C493	D7	C773	L4	IC708	K7	Q730	F7	R416	H6	R710	L9	R784	A9
D152	H10	C494	D8	C774	L4	IC709	J7	R101	D9	R417	H5	R711	M5	R785	A8
D153	G11	C495	L4	C775	G9	IC710	H7	R102	D10	R420	H5	R712	M8	R786	F3
D154	H11	C496	K5	C776	N5	IC711	N4	R103	D10	R421	G5	R713	M8	R787	F4
D156	F10	C701	M7	C777	N6	IC712	L3	R104	D10	R422	H5	R714	M8	R788	E4
D157	G9	C702	M6	C778	M6	IC715	L6	R105	D10	R423	G4	R715	M8	R789	A8
D158	G9	C703	M6	C779	N6	JK101	A11	R106	D10	R424	H4	R716	L11	R790	A8
D159	E11	C704	M6	C780	I5	JK701	A9	R107	G9	R425	I5	R717	L11	R791	F4
D179	B9	C705	B10	C781	N7	JK702	F7	R108	F9	R426	J4	R718	M10	R792	F4
D180	I8	C706	B10	C782	I3	JK705	A4	R109	G9	R427	J4	R719	L9	R793	E4
D181	J9	C707	B8	C783	H7	JK716	A8	R110	F11	R428	I4	R720	L9	R794	M5
D182	I9	C708	B8	C784	H7	JK758	A7	R111	E10	R429	I5	R721	L9	R795	M4
D183	J9	C709	K6	C785	I4	L101	E12	R112	D12	R430	G4	R722	L9	R796	I6
D184	J11	C710	B5	C786	I6	L102	E10	R113	D12	R431	I4	R723	L9	R797	M5
D185	J8	C711	M8	C786	I6	L103	D9	R114	G11	R432	I4	R724	C8	R798	M5
D186	I8	C712	M8	C787	I6	L105	C10	R115	D10	R433	I5	R725	E8	R1701	F2
D187	I10	C713	L11	C788	M5	L106	E12	R116	F12	R434	I4	R726	F7	SW1	D4
D188	I10	C714	J9	C789	I7	L107	D11	R117	G10	R435	I5	R728	M5	TP101	F10
D190	D11	C715	J9	C790	L6	L108	H9	R118	F10	R436	A3	R729	M5	TP102	D10
D192	I11	C716	K9	C792	H5	L120	I10	R119	I11	R437	A3	R730	N7	TUN101	C9
D195	B11	C717	K9	C793	H4	L121	I10	R120	F13	R438	K3	R731	M9	VR149	G11
D196	C11	C718	K9	C794	H4	L701	D8	R121	D11	R439	J3	R732	M9	X102	I9
D197	D9	C719	K10	C795	H4	QW101	C10	R122	E10	R440	J6	R733	M8	X104	E9
D198	I11	C720	L10	C797	G4	QW102	B11	R125	M11	R441	J6	R734	M9	ZD701	I3
D408	H4	C721	L10	C798	G4	QW103	B12	R126	M11	R442	J5	R735	M9	ZD702	I3

2. POWER BOARD 1 (SG2020)



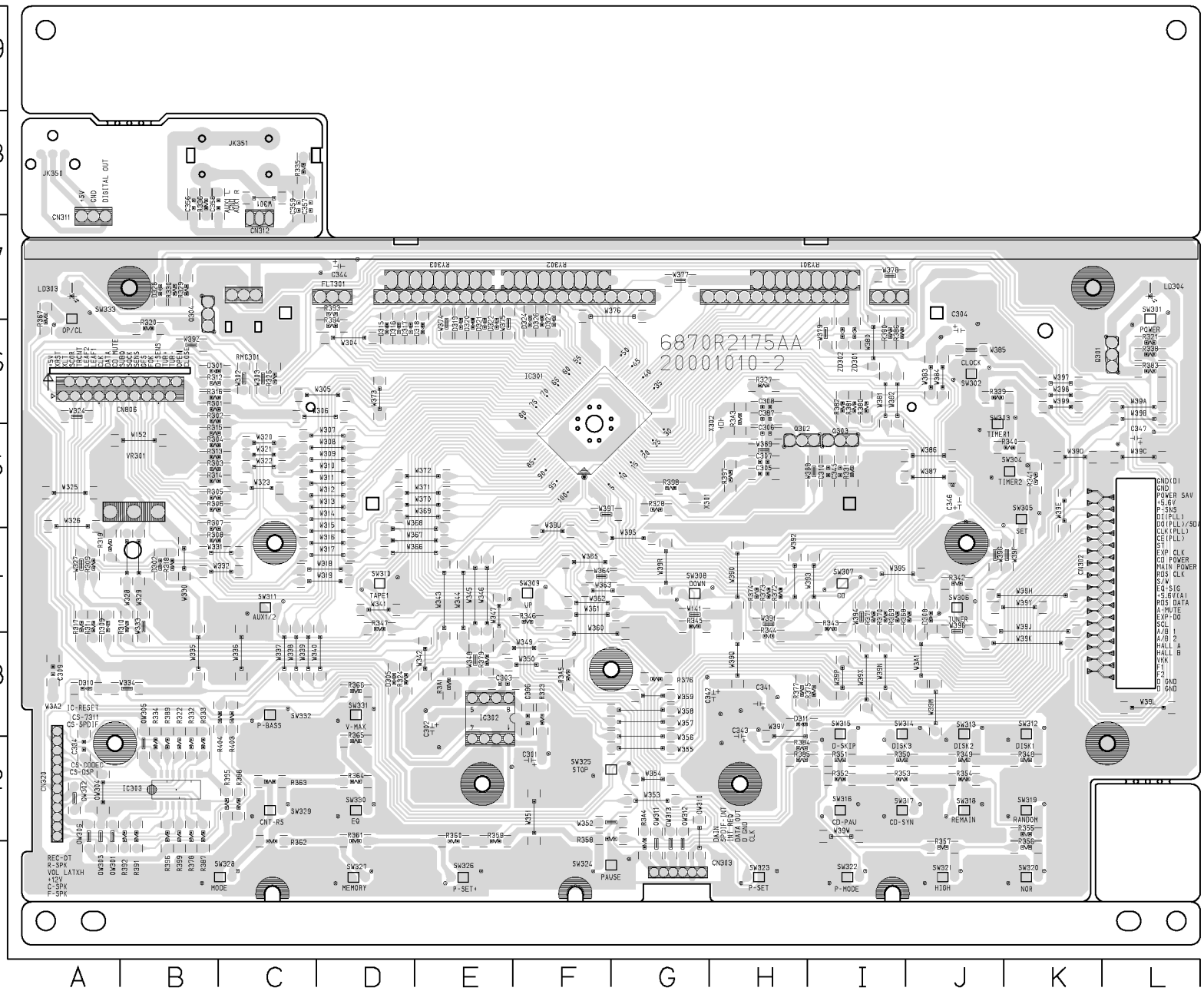
2. POWER BOARD 2 (SG3030)



LOCATION GUIDE

C601	H1	F603	F4
C602	F7	F604	F4
C603	E7	F605	E5
C604	E7	F606	G4
C605	E7	F607	G4
C606	G7	F608A	A4
C607	H6	F608B	A5
C608	G6	IC601	I3
C609	G6	IC602	I1
C610	H3	IC603	I6
C611	E8	IC604	I4
C612	I6	OW601	C7
C613	H5	OW602	C7
C614	I5	OW603	B7
C615	G2	OW604	B6
C616	G1	OW605	A4
C617	G1	OW608	F3
C618	G3	OW609	I6
C619	G2	OW610	I4
C620	H4	OW612	H3
C621	H4	OW620	I6
C622	H5	PN602	I7
C623	H6	PN603	C7
C624	F5	PN604	A7
CN601	I4	Q601	D7
D601	E7	Q603	G1
D602	E6	R601	A3
D603	C7	R604	G1
D604	H6	R605	G1
D605	H5	R606	G1
D607	I6	R607	G1
D608	E7	R608	G2
D610	H4	R609	G2
D611	H5	R610	E8
D612	G2	RY601	D7
D613	G2	T601	D3
D614	H3	T602	C5
D615	H5	TM601	A6
D616	I5	TM602	A7
D650	H2	ZD601	G1
F602	E5	ZD602	G2

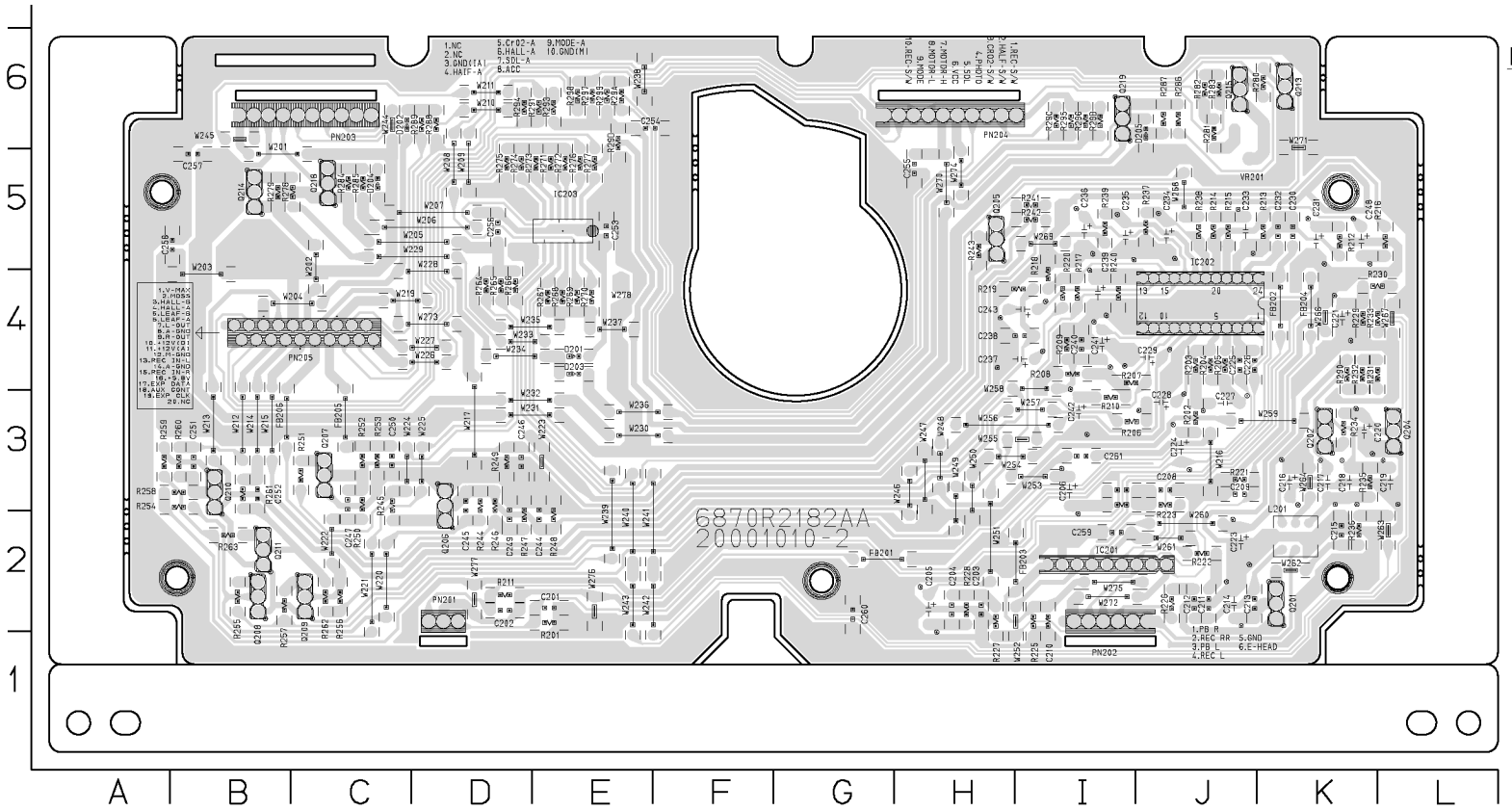
3. FRONT BOARD



LOCATION GUIDE

C301	F2	LD304	L7	R342	J4	R396	B2
C302	E3	OW301	A2	R343	I4	R397	H5
C303	E3	OW302	A2	R344	H3	R398	G5
C304	J6	OW303	A2	R345	G4	R399	B2
C305	H5	OW304	A2	R346	F4	R3A1	E3
C306	H5	OW305	B2	R347	D4	R3A3	H6
C307	H5	OW306	A2	R348	K2	R3A4	G1
C308	H6	OW310	G2	R349	J2	R3A5	F3
C309	A3	OW311	G1	R350	I2	R403	C3
C310	I5	OW312	G1	R351	I2	R404	C3
C334	A2	OW313	G1	R352	I2	RMC301	C6
C341	H3	Q301	L6	R353	I2	RY301	H7
C342	H3	Q302	H5	R354	J2	RY302	E7
C343	H2	Q303	I5	R355	K2	RY303	D7
C344	D7	Q304	B7	R356	K1	SW301	L7
C345	I5	R301	B6	R357	J1	SW302	J6
C346	J5	R302	B6	R358	F2	SW303	J5
C347	L5	R303	B5	R359	E1	SW304	K5
C356	B8	R304	B5	R360	E1	SW305	K5
C357	C8	R305	B5	R361	D1	SW306	J4
C358	C8	R306	B5	R362	C1	SW307	I4
C359	C8	R307	B4	R363	C2	SW308	G4
C386	F3	R308	B4	R364	D2	SW309	F4
C387	H6	R309	A4	R365	D2	SW310	D4
CN302	L4	R310	B4	R366	D3	SW311	C4
CN303	G1	R311	A4	R367	A7	SW312	K3
CN311	A7	R312	B6	R368	J4	SW313	J3
CN312	C7	R313	B5	R369	I4	SW314	I3
CN320	A2	R314	B5	R370	I4	SW315	I3
CN806	A6	R315	B5	R371	I4	SW316	I2
D301	R6	R316	B6	R372	H4	SW317	I2
D302	B4	R317	A4	R373	H4	SW318	J2
D305	D3	R318	B4	R374	H4	SW319	K2
D308	J4	R319	A4	R375	I3	SW320	K1
D309	A4	R320	B6	R376	G3	SW321	J1
D310	A3	R321	L6	R377	H3	SW322	I1
D311	H3	R322	B2	R378	B2	SW323	H1
D315	D6	R323	F3	R379	E3	SW324	F1
D316	D6	R324	D3	R380	I6	SW325	F2
D317	D6	R326	C6	R381	I6	SW326	E1
D318	E6	R327	H6	R382	I6	SW327	D1
D319	E6	R328	G5	R383	L6	SW328	C1
D320	E6	R329	B7	R384	H2	SW329	C2
D321	E6	R330	B7	R385	H2	SW330	D2
D322	E6	R331	I5	R386	I6	SW331	D3
D324	F6	R332	B2	R387	B2	SW332	C3
D326	F6	R333	B2	R388	C2	SW333	A7
D327	F6	R334	B2	R389	B2	VR301	B5
D328	B7	R335	C8	R390	I6	X301	G5
FLT301	D7	R336	B8	R391	B2	X302	H5
IC302	E2	R338	L6	R392	B2	ZD301	I6
JK350	A8	R339	J6	R393	D7	ZD302	I6
JK351	C8	R340	K5	R394	D6		
LD303	A7	R341	K5	R395	C2		

4. DECK BOARD



LOCATION GUIDE

C201	E2	FB203	I2	R240	I4
C202	D2	FB204	K4	R241	I5
C203	H3	FB205	G3	R242	I5
C204	H3	FB206	B3	R243	H5
C205	H2	IC201	J2	R244	D3
C207	I3	IC202	K4	R245	G3
C208	J3	L201	K2	R246	D3
C209	J3	PN201	D2	R247	D2
C210	I2	PN202	I2	R248	E2
C211	J2	PN203	G6	R249	D3
C212	J3	PN204	H6	R250	G3
C213	J3	PN205	B4	R251	C3
C214	K2	Q201	K2	R252	C3
C215	K2	Q202	K3	R253	C3
C216	K3	Q204	L3	R254	B3
C217	K3	Q205	H5	R255	B2
C218	K3	Q206	D3	R256	C2
C219	L3	Q207	C3	R257	B2
C220	K3	Q208	B2	R258	B3
C221	K4	Q209	C2	R259	A3
C223	J2	Q210	B3	R260	B3
C224	J3	Q211	B2	R261	B3
C225	J4	Q213	K6	R262	C2
C226	J4	Q214	B5	R263	B2
C227	J3	Q215	J6	R264	D4
C228	J3	Q218	C5	R265	D4
C229	J4	Q219	I6	R266	D4
C230	K5	R201	E2	R267	E4
C231	K5	R202	J3	R268	E4
C232	K5	R203	J4	R269	E4
C233	J5	R204	J4	R270	E4
C234	J5	R205	J4	R271	E5
C235	I5	R206	I3	R272	E5
C236	I5	R207	I4	R273	E5
C237	I4	R208	I4	R274	D5
C238	I4	R209	I4	R275	D5
C239	I4	R210	I3	R276	E5
C240	I4	R211	D2	R277	E5
C241	I4	R212	K5	R278	G6
C242	I3	R213	K5	R279	B5
C243	I4	R214	J5	R280	K6
C244	F3	R215	J5	R281	J6
C245	D3	R216	L5	R282	J6
C246	D3	R217	I4	R283	J6
C247	C3	R218	I4	R284	C5
C248	K5	R219	I4	R285	C5
C249	D2	R220	I4	R286	J6
C250	G3	R221	J3	R287	J6
C251	B3	R222	J2	R288	D6
C252	B3	R223	J3	R289	D6
C253	E5	R224	I3	R290	K4
C254	E6	R225	I2	R291	E6
C255	H5	R226	J2	R293	E6
C256	D5	R227	H2	R294	D6
C257	B5	R228	H2	R295	I6
C258	B5	R229	K4	R296	I6
C259	I2	R230	L4	R297	E6
C260	G2	R231	L4	R298	E6
C261	I3	R232	K4	R299	E6
D201	E4	R233	L4	R29A	E6
D202	C6	R234	K3	R29B	I6
D203	E4	R235	K3	R29C	I6
D204	C5	R236	K3	R29D	E5
D205	J6	R237	J5	VR201	J6
FB201	G2	R238	J5		
FB202	K4	R239	I5		

SG2020 PARTS LISTS

PART#	QTY	DESCRIPTION	LOCATION/REF. DESIGNATOR

PACKAGE

694-005I	1	BAG SOFT	FFH-272(E.PS+HDPE)
926-0016	0	TAPE ADHESIVE VINYL	OPP TAPE(60WX50H)
951-001A	1	DECK AND OTHER PARTS	DRY CARAT (3G)
6710R-XC01A	1	REMOTE CONTROLLER	HANGO 32KEY JBL A/C
3829RAT001A	1	MANUAL ASSY	FFH-2020/3030 JBL USA
3828RCD029A	1	MANUAL,OWNERS	CSG2020A ENGLISH JBL
3840RGW001A	1	CARD	JBL WARRANTY(USA)
292-004P	1	BAG PE	P.E BAG (25X35)
3840RGR001A	1	CARD	JBL REGITRATION (USA)
3890RCA024A	1	BOX	CSG2020A JBL-USA 4 FLX
3920RCE003A	1	PACKING	JBL 0.02 15 EPS 4 155 324
3721RCF009A	1	PANEL ASSY	FRONT (JBL)
632N218E	1	COIL,ANTENNA	KS951212-01 KWANGSUNG LOOP
5010SCT001A	1	ANTENNA	533-010K SESHIN FM T LGEHZ
328-190B	1	BAND NYLON	BAND TIE

MECHANICAL

6410SCH201A	1	POWER CORD	(HIFI)SPT-2 60C 2X18AWG
3720RCM008E	2	PANEL,AUDIO	SIDE(JBL MINI COMPO)
3580RCA004A	1	DOOR	CST -L(JBL)
3580RCA004B	1	DOOR	CST -R(JBL)
3580RCC002A	1	DOOR	CD (FFH-2020A UL)
3790RCP016A	1	WINDOW	FL(JBL)
3790RCZ005A	1	WINDOW	CST-L(JBL)
3790RCZ005B	1	WINDOW	CST-R(JBL)
4930RC0005A	1	HOLDER	CST DOOR(JBL)
3300RCP001A	3	PLATE	BADGE JBL
4940RCT007A	1	KNOB	POWER(JBL)
4940RCT008A	1	KNOB	OPEN/CLOS
4940RCT009A	1	KNOB	CLOCK(JBL)
4940RCT012A	1	KNOB	TUNING(JBL)
4940RCT013A	1	KNOB	STOP(JBL)
4940RCT014A	1	KNOB	#12(JBL)
4940RCT015A	1	KNOB	#7(JBL)
4940RCV004A	1	KNOB	VOLUME(JBL)
4901SK0001C	2	DAMPER ASSY	GEAR DAMPER AY(WH+WH G331)
3140RC0001A	1	CHASSIS	MAIN(MINI COMPO)
841N0015	2	BATTERY	R03G=0012 NO MERC HI-WATT 1
3720RCF004A	1	PANEL	FRONT -A(JBL)
3610RC0001A	2	FOOT	MOLD FOR JBL
442-085E	2	SPRING	SPRING-DOOR (F-101)50D L=35
384-535A	2	GUIDE	EJECT AY(FK-535 BD1)DUAL

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
4930S-0536A	1	HOLDER	HOLDER GUIDE(FK-535 BD1)DUAL	A28
442-780A	1	SPRING	SPRG SPIRAL(FJ-676)EJECT	A29
384-014AAAA	1	GUIDE	GUIDE EJECTOR(FJ-676)	A30
3720RCZ008A	1	PANEL	BACK JBL(A MODEL)UL	
3090RCM001G	1	CABINET	TOP (JBL MINI COMPO)	
353-025C	70	SCREW	TAPTITE 3X10 FBK	
353-025T	6	SCREW,	TAPTITE 3X10.5 FZMY	PANEL+CHAS/PANEL+MD
1TRL0402418	4	BRAIZ HEAD TA SCREW + 2 CUT	D 4.0 L 8.0 MSWR3/FZY	##CHAS+TRANS
4405SCE002A	1	MECHANISM ASSY	CDM-H1303 SHIN HEUNG CD CHANGE	
563-801D	1	CONNECTOR ASSY	P=2.0 GIL-S06X2 1571#28 250	
4405SBE001A	1	MECHANISM ASSY	CDM-H1303 SHIN HEUNG CD CHANGE	
4404SBA001A	1	MECHANISM	MAIN ASSY(CDM-H1303)	
4860SB0002A	1	CLAMP	CLAMP ASSY	701
4860SB0001A	1	CLAMP	DISC(CDM-H1303)	
3550SB0001A	1	COVER	MAGNET(CDM-H1303)	
524-012AAAA	1	COVER	CLAMP MAGNET (030X018X5T)	
3040SB0004A	1	BASE	PU ASSY(CDM-H1303)	
4405SCB001A	1	MECHANISM ASSY	KSM-213CCM SONY HI-FI FRONT LO	
6756S-O001A	1	CD MECHANISM PARTS	KSM-213CDM MOTOR,GEAR	4
6756S-T001A	1	CD MECHANISM PARTS	KSM-213CDM LEAD IN	2
6756S-G001A	1	CD MECHANISM PARTS	KSM-213CDM FEED GEAR	1
6756S-X001A	1	CD MECHANISM PARTS	SONY KSS-213C	3
3040SB0003A	1	BASE	PU(CDM-H1303)	
4900SB0001A	4	DAMPER	DAMPER RUBBER	
88H-0002	2	CD MECHA PARTS	3X9X12FZMY	
6756SBX001A	4	CD MECHANISM PARTS	SCREW 2.6X10X10XFZMY CDM-H813	
4680SBP001A	1	MOTOR(MECH)	PULLEY ASSY (CDM-H1303)	711
414-044A	1	MOTOR	RF500TB-14415 (MABUCHI)	K
4560SB0001A	1	PULLEY	MOTOR (CDM-H1303)	
353S353F	2	SCREW	#NAME?	MOTOR
3040SB0002A	1	BASE	MAIN(CDM-H1303)	712
4974SB0001A	1	GUIDE	CAM (CDM-H1303)	713
4970SBN002A	1	SPRING	CAM (CDM-H1303)	714
4400SB0001A	1	BELT	MAIN(CDM-H1303)	715
4471SB0001A	1	GEAR ASSY	GEAR CAM ASSY	716
4470SB0001A	1	GEAR	CAM UP(CDM-H1303)	
4470SB0002A	1	GEAR	CAM DOWN(CDM-H1303)	
4470SB0005A	1	GEAR	MAIN (CDM-H1303)	717
4470SB0003A	1	GEAR	PULLEY (CDM-H1303)	718
4470SB0004A	1	GEAR	LOADING (CDM-H1303)	719
4470SB0007A	1	GEAR	PU UP-A (CDM-H1303)	720
4470SB0008A	1	GEAR	PU UP-B (CDM-H1303)	721
4470SB0006A	1	GEAR	PU DOWN (CDM-H1303)	722
88H-0002	1	CD MECHA PARTS	3X9X12FZMY	
88H-0002	1	CD MECHA PARTS	3X9X12FZMY	709
88H-0002	1	CD MECHA PARTS	3X9X12FZMY	GEAR
88H-0003	1	CD MECHA PARTS	3X12X10FZMY	
88H-0003	1	CD MECHA PARTS	3X12X10FZMY	723

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
88H-0003	1	CD MECHA PARTS	3X12X10FZMY	CAM
6871SD21RAD	1	PWB(PCB) ASSY	3CH M/D CAM PWB ASSY	724
556-624B	1	SWITCH LEVER	SSCF21002A J-ALPS NON DC12V 10	K
353-028H	1	SCREW		PCB
6870SD21RAB	1	PWB(PCB)	3CH M/D CAM PWB ASSY	
6631SBE001B	1	CONNECTOR ASSY	P=2.0 ,GIL-S04/S04 UL 1571	
6871SB21RAD	1	PWB(PCB) ASSY	3CH M/D U/D/O/C PWB ASSY	725
558-024E	1	SWITCH SPECIAL	SPPB61114A J-ALPS	K
6870SB21RAB	1	PWB(PCB)	3CH M/D U/D/O/C PWB ASS'Y	34
6631SBE001A	1	CONNECTOR ASSY	P=2.0 , GIL-S02/S02 UL1571	
6871SC21RAD	1	PWB(PCB) ASSY	3CH M/D OPEN PWB ASSY	726
556-624B	1	SWITCH LEVER	SSCF21002A J-ALPS NON DC12V 10	K
353-028H	1	SCREW		PCB
672-001AAAA	2	WIREW SHIELD	TIN WIRE	
6870SC21RAB	1	PWB(PCB)	3CH M/D OPEN PWB	
4404SBA002A	1	MECHANISM	MECHANISM TRAY(CDMH1303)	
4371SB0002A	1	SHAFT ASSY	TRAY (CDM-H1303)	31
4470SB0009A	1	GEAR	WORM (CDM-H1303)	
4370SB0019A	1	SHAFT	TRAY (CDM-H1303)	
4560SB0002A	1	PULLEY	TRAY (CDM-H1303)	
3390SB0001A	1	TRAY	LOADING (CDM-H1303)	33
3390SB0002A	1	TRAY	DISC (CDM-H1303)	36
4974SB0003A	1	GUIDE	WORM (CDM-H1303)	29
4400SB0001B	1	BELT	TRAY(CDM-H1303)	32
4470SB0010A	1	GEAR	TRAY A (CDM-H1303)	37
4470SB0011A	1	GEAR	TRAY B (CDM-H1303)	38
88H-0004	1	CD MECHA PARTS	3X12X12FNM	16
88H-0002	2	CD MECHA PARTS	3X9X12FZMY	1
6871SF21RAD	1	PWB(PCB) ASSY	3CH M/D SENSOR PWB ASSY	30
6870SF21RAB	1	PWB(PCB)	3CH M/D SENSOR PWB ASSY	
653-902B	1	LED	GP1S53 PHOTO SENSOR BK SHARP G	K
353-025BAAA	1	SCREW		PCB
6631SBE001C	1	CONNECTOR ASSY	P=2.0 ,GIL-S05/S05 UL1571	
4680SBP002A	1	MOTOR(MECH)	ASSY TRAY	35
414-044A	1	MOTOR	RF500TB-14415 (MABUCHI)	K
4560SB0001A	1	PULLEY	MOTOR (CDM-H1303)	
6870SE21RAB	1	PWB(PCB)	3CH M/D TRAY PWB ASSY	
88H-0008	2	CD MECHA PARTS	(LEN315FL)	
892-0001	0	SOLDER LEAD-WIRE	SOLDER-LEAD-WIRE RH-50 1.6	
3850S-S022A	1	LABEL	FUSE UL 244-190N	
3300R-M061A	1	PLATE	DECO JBL	
3508SC0001C	1	DECORATION	AUX 1(JBL A')	
3508SC0001D	1	DECORATION	SPEAKERS (JBL A)	
1TRL0302016	2	SCREW TAPPING,BRIZER HEAD	D 3.0 L 6.0 MSWR3/(BK)	
472-190K	2	FELT	11X3.2T BLACK JBL	
6871RM2174B	1	PWB(PCB) ASSY,MAIN(AUDIO)	FFH2020 CE MAIN	
353-025C	4	SCREW	TAPTITE 3X10 FBK	

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
353-025HAAA	2	SCREW	TAPTITE 3X16 FZMY	##IC HYBRID
4810S-0901A	1	BRACKET	IC(FM-95M)	
4920S-E007A	1	HEAT SINK	MAIN(F-680V/390V)	

ELECTRICAL

6872RM2174B	1	PWB(PCB) ASSY,MAIN(AUD	FFH2020 CE MAIN	
0CE1076L630	1	CAPACITOR,ELCTYTC	100M SMS 63V M FM(5)	C742
0CE338CJ650	2	CAPACITOR,ELCTYTC	3300UF SHL 35V M FM7.5 BULK	C728,778
0CE338H96A0	2	CAPACITOR,AL.ELCTYTC	3300UF DL 75V M VNSN BULK	C720,770
0DR154020AA	4	DIODE,RECTIFIER	1N5402-10C BK GULF	D720,721,722,723
0DR610000AA	1	DIODE,RECTIFIER	KBU6G-10C BK GULF	D711
0IHA405200A	1	IC,HARRIS	CD4052B 16P DIP DIFF-4-CH MUX	IC401
0IKE455800A	3	IC,KEC	KIA4558P 8DIP LIN OP-AMP	IC407,408,409
0IKE780500Q	1	IC,KEC	KIA7805API 3P TO-220 ST REGULA	IC702
0IKE781200P	1	IC,KEC	KIA7812API TO220 ST 3P 12V REG	IC704
0IKE781200R	1	IC,KEC	KIA78R12PI 4P TO-220-4 ST SW R	IC701
0ISA183700A	1	IC,SANYO	LA1837 30P DIP BK AM/FM IF MPX	IC102
0ISA411220A	1	IC,SANYO	STK411-220E 22P SIP BK PWR AMP	IC710
0ISA721310A	1	IC,SANYO	LC72131D 22P DIP BK PLL FOR TU	IC103
0ISG744000A	1	IC,SGS-THOMSON	TDA7440D 28P SOP BK FUNCTION	IC402
614-013C	1	RESTR	RCR50,2.2M,J,M15	R799
0RM0150N764	2	RESTR,CEMENT	0.15 OHM 5 W 10% B RSR	R711,761
0RN0562J634	2	RESTR FIX METAL FILM	56 1W 5 MF15	R709,759
0RS3300K665	2	RESTR,FIX METL FILM OX	330 2W 5 SF20	R610,660
255-717A	1	HEAT SINK	DIODE(GSA-PA10/FA-5000)	##FOR D711
353-025G	2	SCREW	TAPTITE 3X10 FZMY	
561-100D	1	CONNECTOR	SP-026B PARK ELEC. SPK	JK701
561-101B	1	CONNECTOR	SP-024B2 PARK ELEC. SPK	JK101
561-640J	2	CONNECTOR	GL200-10P-TS P=2.0 HOLDER GSC	CN701,807
561-643J	1	CONNECTOR	52151-1010 K-MOLEX 10PIN 2.0MM	PN701
561-644C	1	CONNECTOR	52147-0310 K-MOLEX 3PIN 2.0MM	PN312
561-686T	1	CONNECTOR	00-8370-201-000-800 ELCO KOREA	PN205
561-715C	1	CONNECTOR	GIL-G-03P-S3T2-E LG CABLE 3PIN	PN311
561-910C	2	CONNECTOR	TERMINAL SEMKO PCB-ROCKING	TM701,702
563-638D	1	CONNECTOR ASSY	MINA #24,1007GN 3.25O 150	W701
572-559F	1	JACK 6.4	HTJ064-04B KUNMING 9PIN MOLD	JK702
576-002I	1	JACK RCA	S-436*-2P (RD/WH) PARK ELEC H	JK710

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
586-001C	8	FUSE HOLDER	PIN-T 5X20 KS (S)	
586-001C	5	FUSE HOLDER	PIN-T 5X20 KS (S)	F703A,703B,704A,704B,705A
586-001C	3	FUSE HOLDER	PIN-T 5X20 KS (S)	F705B,706A,706B
6140SCB001D	1	COIL,RF	RF,MW TUNING UNIT(634-700E) CE	L107
6140SCD001A	1	COIL,IFT	KSNT-105I KWANGSUNG IFT BULK	L101
6140SCJ004A	1	COIL,OSCILLATOR	KSZ-73C KWANG SUNG OSC BULK FF	L106
616-008B	1	FILTER(CIRC),CER	SFE10.7MS2(RD) MURATA 10700000	CF101
637N009A	1	INDUCTOR	33MH C/CORE (=N008A)	L102
6612R-C007D	1	JACK,RCA	RCA-206-04 YUQIU 2PIN (BK-OR)	JK703
6630S-BC044	1	CONNECTOR (CIRC)	TKC-V30X-A1 TAIKO DENKI 30PIN	PN302
6700SCF001A	1	TUNER	KST-F401VA-2 KWANGSUNG FM 3GAN	TUN101
6873RM2174B	1	(PCB) ASSY,MAIN(AU	FFH2020 CE MAIN	
0CC1000K015	1	CAP,CER(TEMP COMP)	10P 50V C NP0 TS	C140
0CE1046K618	2	CAPACITOR,ELCTYTC	0.1M SMS 50V M FL TP(5)	C425,427
0CE1056K618	9	CAPACITOR,ELCTYTC	1.0M SMS 50V M FL TP(5)	
0CE1056K618	5	CAPACITOR,ELCTYTC	1.0M SMS 50V M FL TP(5)	C112,117,151,715,738
0CE1056K618	4	CAPACITOR,ELCTYTC	1.0M SMS 50V M FL TP(5)	C765,779,791,792
0CE1066F618	3	CAPACITOR,ELCTYTC	10UF SMS 16V M FL TP5	C197,409,410
0CE1066K618	8	CAPACITOR,ELCTYTC	10M SMS 50V M FM5 TP(5)	
0CE1066K618	5	CAPACITOR,ELCTYTC	10M SMS 50V M FM5 TP(5)	C110,113,114,153,154
0CE1066K618	3	CAPACITOR,ELCTYTC	10M SMS 50V M FM5 TP(5)	C445,705,755
0CE1076F618	4	CAPACITOR,ELCTYTC	100M SMS 16V M FM5 TP(5)	C143,667,725,731
0CE1076K618	4	CAPACITOR,ELCTYTC	100UF SMS 50V M FL TP5	C707,708,757,758
0CE2256K618	3	CAPACITOR,ELCTYTC	2.2M SMS 50V M FL TP(5)	C184,665,666
0CE2266F618	11	CAPACITOR,ELCTYTC	22M SMS 16V M FM5 TP(5)	
0CE2266F618	5	CAPACITOR,ELCTYTC	22M SMS 16V M FM5 TP(5)	C121,421,422,423,424
0CE2266F618	5	CAPACITOR,ELCTYTC	22M SMS 16V M FM5 TP(5)	C436,457,611,668,702
0CE2266F618	1	CAPACITOR,ELCTYTC	22M SMS 16V M FM5 TP(5)	C752
0CE2276F618	1	CAPACITOR,ELCTYTC	220M SMS 16V M FM5 TP(5)	C192
0CE3346K618	4	CAPACITOR,ELCTYTC	0.33M SMS 50V M FL TP(5)	C426,428,432,434
0CE3356K618	3	CAPACITOR,ELCTYTC	3.3M SMS 50V M FL TP(5)	C120,146,737
0CE3366F618	3	CAPACITOR,ELCTYTC	33M SMS 16V M FL TP(5)	C123,703,753
0CE4746K618	10	CAPACITOR,ELCTYTC	0.47M SMS 50V M FL TP(5)	
0CE4746K618	5	CAPACITOR,ELCTYTC	0.47M SMS 50V M FL TP(5)	C144,145,414,415,416
0CE4746K618	5	CAPACITOR,ELCTYTC	0.47M SMS 50V M FL TP(5)	C417,418,419,420,442
0CE4756K618	9	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	
0CE4756K618	5	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	C443,444,473,474,475
0CE4756K618	4	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	C476,603,605,607
0CE4766F618	8	CAPACITOR,ELCTYTC	47M SMS 16V M FL TP(5)	
0CE4766F618	5	CAPACITOR,ELCTYTC	47M SMS 16V M FL TP(5)	C108,183,185,413,433
0CE4766F618	3	CAPACITOR,ELCTYTC	47M SMS 16V M FL TP(5)	C435,464,602
0CE4766K618	3	CAPACITOR,ELCTYTC	47M SMS 50V M FM5 TP(5)	C739,740,741
0CE4776F618	1	CAPACITOR,ELCTYTC	470UF SMS 16V M FL TP5	C727
0CK1040K945	1	CAPACITOR,CER (HIGH DIELEC	0.1M 50V Z F TS	C102
0CK2230K945	1	CAPCTR CER(HIGH DIEL)	0.022M 50V Z F TS	C104

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0CK4730K945	3	CAPCTR,CER (HIGH DIELC	0.047UF 50V Z F TR	C126,130,138
0CN1010K519	4	CAPCTR TUB(HIGH DIEL)	100P 50V K B TA52	C157,606,710,760
0CN1020K519	5	CAPCTR TUB(HIGH DIEL)	1000P 50V K B TA52	C103,127,133,604,608
0CN1030F679	1	CAPCTR TUB(HIGH DIEL)	10000P 16V M Y TA52	C158
0CN1040K949	6	CAPCTR,TUB(HIGH DIELC)	0.1M 50V Z F TA52	
0CN1040K949	5	CAPCTR,TUB(HIGH DIELC)	0.1M 50V Z F TA52	C101,119,439,610,716
0CN1040K949	1	CAPCTR,TUB(HIGH DIELC)	0.1M 50V Z F TA52	C766
0CN2210K519	4	CAPCTR TUB(HIGH DIEL)	220P 50V K B TA52	C403,404,407,408
0CN2220F669	2	CAPCTR TUB(HIGH DIEL)	2200P 16V M X TA52	C129,152
0CN2230H949	13	CAPCTR TUB(HIGH DIEL)	22000P 25V Z FTA52	
0CN2230H949	5	CAPCTR TUB(HIGH DIEL)	22000P 25V Z FTA52	C109,124,136,139,149
0CN2230H949	5	CAPCTR TUB(HIGH DIEL)	22000P 25V Z FTA52	C159,198,405,406,461
0CN2230H949	3	CAPCTR TUB(HIGH DIEL)	22000P 25V Z FTA52	C462,490,782
0CN2710K519	1	CAPCTR TUB(HIGH DIEL)	270P 50V K B TA52	C180
0CN3310K519	2	CAPCTR TUB(HIGH DIEL)	330P 50V K B TA52	C118,156
0CN4730K949	2	CAPCTR,TUB(HIGH DIELC)	0.047UF 50V Z F TA52	C142,719
0CN5610K519	1	CAPCTR TUB(HIGH DIELE)	560P 50V K B TA52	C186
0CQ1031N409	2	CAPACITOR POLY(MYLAR)	0.01UF 100V J PE TP	C446,447
0CQ1041N409	3	CAPACITOR POLY(MYLAR)	0.1U 100V J POLY TP	C709,711,759
0CQ2231N409	6	CAPACITOR,POLY(MYLAR)	0.022U 100V J POLY TP	
0CQ2231N409	5	CAPACITOR,POLY(MYLAR)	0.022U 100V J POLY TP	C721,722,733,734,771
0CQ2231N409	1	CAPACITOR,POLY(MYLAR)	0.022U 100V J POLY TP	C772
0CQ3331N409	2	CAPACITOR POLY(MYLAR)	0.033U 100V J POLY TP	C115,116
0CQ4731N409	3	CAPACITOR POLY(MYLAR)	0.047U 100V J POLY TP	C148,718,768
0CQ6831N409	1	CAPACITOR POLY(MYLAR)	0.068U 100V J POLY TP	C438
0CX1000K409	1	CAPACITOR TUB(T.C)	10P 50V J SL TA52	C122
0CX3000K409	1	CAPACITOR TUB(T.C)	30P 50V J SL TA52	C131
0CX3300K409	2	CAPACITOR TUB(T.C)	33P 50V J SL TA52	C181,182
0CX4R70K519	2	CAPACITOR,TUB(T.C)	4.7PF 50V K NP0 TA52	C704,754
0CX8R20K519	1	CAPACITOR,TUB(T.C)	8.2PF 50V K NP0 TA52	C196
0DD133009AB	12	DIODE,SWITCHING		
0DD133009AB	5	DIODE,SWITCHING		D106,141,142,143,150
0DD133009AB	5	DIODE,SWITCHING		D151,153,701,706,751
0DD133009AB	2	DIODE,SWITCHING		D778,779
0DR102109AA	7	DIODE,RECTIFIER	RL102-10C TP GULF	
0DR102109AA	5	DIODE,RECTIFIER	RL102-10C TP GULF	D105,108,109,602,708
0DR102109AA	2	DIODE,RECTIFIER	RL102-10C TP GULF	D709,710
0DZ330009AR	1	DIODE,ZENER	GDZJ33D TP DO-34 500MW	ZD702
0DZ560009AG	1	DIODE,ZENER	GDZJ5.6B TP DO-34 500MW	ZD701
0DZ750009AE	2	DIODE,ZENER	GDZJ7.5C TP DO-34 500MW	ZD708,758
0LA1000K019	1	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP(52M/M)	L109
0RD0102F609	8	RESTR,FIXED CRBN FLM	10 1/6W 5 TA52	
0RD0102F609	5	RESTR,FIXED CRBN FLM	10 1/6W 5 TA52	R105,121,609,668,720
0RD0102F609	3	RESTR,FIXED CRBN FLM	10 1/6W 5 TA52	R721,770,771
0RD0222F609	1	RESTR,FIXED CRBN FLM	22 1/6W 5 TA52	R116
0RD0472F609	2	RESTR,FIXED CRBN FLM	47 1/6W 5 TA52	R180,185
0RD0562F609	1	RESTR,FIXED CRBN FLM	56 1/6W 5 TA52	R101
0RD1000F609	2	RESTR,FIXED CRBN FLM	100 1/6W 5 TA52	R102,110
0RD1001F609	17	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R125,126,127,128,146
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R417,447,448,451,452
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R453,458,460,467,468
0RD1001F609	2	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R608,754

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD1002F609	17	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R108,109,112,119,130
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R153,193,409,412,415
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R471,472,603,613,667
0RD1002F609	2	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R701,751
0RD1003F609	9	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	
0RD1003F609	5	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	R144,420,421,433,464
0RD1003F609	4	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	R465,602,702,752
0RD1004F609	1	RESTR,FIXED CRBN FLM	1.0M 1/6W 5 TA52	R434
0RD1200F609	1	RESTR,FIXED CRBN FLM	120 1/6W 5 TA52	R106
0RD1201F609	1	RESTR,FIXED CRBN FLM	1.2K 1/6W 5 TA52	R606
0RD1202F609	7	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	
0RD1202F609	5	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	R122,183,439,724,730
0RD1202F609	2	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	R774,780
0RD1501F609	7	RESTR,FIXED CRBN FLM	1.5K 1/6W 5 TA52	
0RD1501F609	5	RESTR,FIXED CRBN FLM	1.5K 1/6W 5 TA52	R132,712,714,715,762
0RD1501F609	2	RESTR,FIXED CRBN FLM	1.5K 1/6W 5 TA52	R764,765
0RD1502F609	5	RESTR,FIXED CRBN FLM	15K 1/6W 5 TA52	R436,440,607,666,710
0RD1800F609	1	RESTR,FIXED CRBN FLM	180 1/6W 5 TA52	R416
0RD1801F609	7	RESTR,FIXED CRBN FLM	1.8K 1/6W 5 TA52	
0RD1801F609	5	RESTR,FIXED CRBN FLM	1.8K 1/6W 5 TA52	R104,181,182,413,414
0RD1801F609	2	RESTR,FIXED CRBN FLM	1.8K 1/6W 5 TA52	R422,423
0RD1802F609	5	RESTR,FIXED CRBN FLM	18K 1/6W 5 TA52	R403,404,405,406,742
0RD2201F609	2	RESTR,FIXED CRBN FLM	2.2K 1/6W 5 TA52	R148,190
0RD2202F609	3	RESTR,FIXED CRBN FLM	22K 1/6W 5 TA52	R135,605,798
0RD2203F609	2	RESTR,FIXED CRBN FLM	220K 1/6W 5 TA52	R722,723
0RD2700F609	1	RESTR,FIXED CRBN FLM	270 1/6W 5 TA52	R457
0RD3300F609	1	RESTR,FIXED CRBN FLM	330 1/6W 5 TA52	R111
0RD3301F609	9	RESTR,FIXED CRBN FLM	3.3K 1/6W 5 TA52	
0RD3301F609	5	RESTR,FIXED CRBN FLM	3.3K 1/6W 5 TA52	R136,137,141,142,151
0RD3301F609	4	RESTR,FIXED CRBN FLM	3.3K 1/6W 5 TA52	R418,419,713,763
0RD3302F609	15	RESTR,FIXED CRBN FLM	33K 1/6W 5 TA52	
0RD3302F609	5	RESTR,FIXED CRBN FLM	33K 1/6W 5 TA52	R117,118,407,408,483
0RD3302F609	5	RESTR,FIXED CRBN FLM	33K 1/6W 5 TA52	R484,612,662,703,716
0RD3302F609	5	RESTR,FIXED CRBN FLM	33K 1/6W 5 TA52	R717,725,753,766,772
0RD3303F609	2	RESTR,FIXED CRBN FLM	330K 1/6W 5 TA52	R431,432
0RD3901F609	3	RESTR,FIXED CRBN FLM	3.9K 1/6W 5 TA52	R129,708,758
0RD4700F609	3	RESTR,FIXED CRBN FLM	470 1/6W 5 TA52	R445,446,456
0RD4701F609	22	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	
0RD4701F609	5	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R113,114,120,133,134
0RD4701F609	5	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R149,152,156,191,443
0RD4701F609	5	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R444,449,459,461,463
0RD4701F609	5	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R470,474,480,728,741
0RD4701F609	2	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R746,747
0RD4702F609	8	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	
0RD4702F609	5	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	R107,410,411,665,718
0RD4702F609	3	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	R744,748,773
0RD5600F609	2	RESTR,FIXED CRBN FLM	560 1/6W 5 TA52	R103,745
0RD5601F609	4	RESTR,FIXED CRBN FLM	5.6K 1/6W 5 TA52	R115,437,438,743
0RD6801F609	1	RESTR,FIXED CRBN FLM	6.8K 1/6W 5 TA52	R455
0RD8200F609	1	RESTR,FIXED CRBN FLM	820 1/6W 5 TA52	R435
0RD8201F609	2	RESTR,FIXED CRBN FLM	8.2K 1/6W 5 TA52	R192,604
0RD8202F609	1	RESTR,FIXED CRBN FLM	82K 1/6W 5 TA52	R147

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0TR102009AE	2	TRANSISTOR	KRA102M (KRA2202) TP	Q150,453
0TR102009AF	3	TRANSISTOR	KRC102M,(KRC1202) TP	Q103,115,454
0TR103009AE	2	TRANSISTOR	KRC103M-TP (KRC1203) KEC	Q419,792
0TR103009AF	1	TRANSISTOR	KRA103M-TP (KRA2203) KEC	Q414
0TR126609AA	2	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	Q450,451
0TR126709AB	1	TRANSISTOR	KTA1267-O MINI TP KEC	Q102
0TR127309AA	2	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	Q701,791
0TR130209AA	3	TRANSISTOR	KTD1302 MUTING TP	Q412,413,707
0TR319209AA	1	TRANSISTOR	KTC3192-O(KTC380TM)	Q101
0TR319809AB	7	TRANSISTOR	KTC3198-TP-GR (KTC1815)	
0TR319809AB	5	TRANSISTOR	KTC3198-TP-GR (KTC1815)	Q107,108,151,605,761
0TR319809AB	2	TRANSISTOR	KTC3198-TP-GR (KTC1815)	Q762,764
0TR320009AA	2	TRANSISTOR	KTC3200-GR (KTC2240) TP	Q702,752
0TR320509AB	1	TRANSISTOR	KTC3205-TP-Y (KTC2236A)	Q763
0TR949009AA	1	TRANSISTOR	KTA949-Y(A1024) TP KEC	Q703
617T602D	1	CRYSTAL	HC-49/U A720005008 KONY RADIAL	X104
6202S-AJ02A	1	CRYSTAL	HC-49/U KONY RADIAL 4332000HZ	X102
672-001AAAA	0	WIREW SHIELD	TIN WIRE	
672-001AAAA	0	WIREW SHIELD	TIN WIRE	C150,441,784
672-001AAAA	0	WIREW SHIELD	TIN WIRE	C437
672-001AAAA	0	WIREW SHIELD	TIN WIRE	D603,702,703
672-001AAAA	0	WIREW SHIELD	TIN WIRE	FB115,117,701,702,710
672-001AAAA	0	WIREW SHIELD	TIN WIRE	FB711,751,752
672-001AAAA	0	WIREW SHIELD	TIN WIRE	OW104,105,107,108,115
672-001AAAA	0	WIREW SHIELD	TIN WIRE	OW116,117,702,752,760
672-001AAAA	0	WIREW SHIELD	TIN WIRE	OW780,782,880,914,915
672-001AAAA	0	WIREW SHIELD	TIN WIRE	R611
6870R2174AA	1	PWB(PCB)	JBL A MAIN PHEN FR-1 1LAY	##MAIN PWB
0CE2276D618	1	CAPACITOR,ELCTYTC	220UF SMS 10V M FL TP5	C135
0RD0752F609	1	RESTR,FIXED CRBN FLM	75 1/6W 5 TA52	R726
0RD7500F609	2	RESTR,FIXED CRBN FLM	750 1/6W 5 TA52	R705,755
0CX6800K409	2	CAPACITOR TUB(T.C)	68P 50V J SL TA52	C724,732
0RD2200F609	1	RESTR,FIXED CRBN FLM	220 1/6W 5 TA52	R727
631T603R	2	FILTER(CIRC),EMI	BFS2545A0F(52MM TP) SAMHWA AX	FB712,713
0CN4710K519	4	CAPACITOR TUB(HIGH DIELE)	470P 50V K B TA52	C411,412,701,751
0CK1030K945	1	CAPACITOR,CER(HIGH DIELE)	0.01UF 50V Z F TR	C780
0CX3900K409	1	CAPACITOR,TUB(T.C)	39P 50V J SL TA52	C132
0RD6802F609	2	RESTR,FIXED CRBN FLM	68K 1/6W 5 TA52	R706,756
6920SC0001A	1	RELAY	0MI-SS-212LM ORIGNAL 12V 0.044	RY701
GAC+002J	1	*CONNECTOR ASSY GS	C,AY GSIL-G03/IL-J03 (I)280(S)	PN820
L82+J24S	1	LEAD SET	P=2.0 UL2877#26 SA-SC 10 240 S	##FOR CN701
L82+J30S	1	LEAD SET	P=2.0 UL2877#26 SA-SC 10 300 S	##FOR CN807
6170RCM04ZD	1	TRANSFORMER,POWER	115/230V 5/60HZ 85.8X50 DONGYA	TR701
0IRH192300A	1	IC,ROHM	BU1923F 16P SOP ST RDS DEMODUL	IC101

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0CE1086F630	1	CAPACITOR,AL.ELCTYTC	1000M SMS 16V M FM5	C726
6871RF2175B	1	(PCB) ASSY,FRONT(AUDIO)	FFH2020 CE FNT	
6872RF2175B	1	(PCB) ASSY,FRONT(AU	FFH2020 CE FRONT	
0IMY700000A	1	IC,MSI	MSGEQ7 8P DIP BK 7 BAND GRAPHI	IC302
0IRH693840A	1	IC,ROHM	RPM6938-V4 3P BK REMOCON MODUL	RM301
4930RC0004A	1	HOLDER	FIP(JBL)	
561-640C	1	CONNECTOR	GL200-03P-TS P=2.0 HOLDER GSC	CN312
561-707T	1	WAFER	52492-2020 J-MOLEX 29PIN 1.25M	CN806
6110S-ET01A	1	VOLUME,ROTARY	EC16B242040M J-ALPS D=16 V 24	VR301
616-020PAAA	1	RESONATOR,CER	CSA6.00MGU MURATA 6MHZ BK	XT302
617-602F	1	CRYSTAL	SKS941215-01 CITIZEN WATCH RAD	X301
6302R-V107A	1	DIGITRON	BJ797GNK FUTABA UNIVERSAL JBL	FLT301
6612R-C007C	1	JACK,RCA	RCA-206-03 YUQIU 2P WH-RD	JK351
6620S-L001A	1	SOCKET (CIRC),FIBER OPTIC	GP1F32T SHARP OPTICAL "H"	JK350
6630S-BC034	1	CONNECTOR (CIRC)	TKC-V30P-A1 TAIKO DENKI 30PIN	CN302
6873RF2175B	1	PWB(PCB) ASSY,FRONT(A	FFH2020 CE FRONT	
0CE1046K618	2	CAPACITOR,ELCTYTC	0.1M SMS 50V M FL TP(5)	C301,302
0CE1076D618	1	CAPACITOR,ELCTYTC	100M SMS 10V M FM5 TP(5)	C344
0CE2276D618	1	CAPACITOR,ELCTYTC	220UF SMS 10V M FL TP5	C304
0CE3366F618	1	CAPACITOR,ELCTYTC	33M SMS 16V M FL TP(5)	C346
0CE4776D618	3	CAPACITOR,ELCTYTC	470M SMS 10V M FL TP(5)	C341,342,343
0CN1020K519	1	CAPACITOR TUB(HIGH DIELE)	1000P 50V K B TA52	C303
0CN2230H949	1	CAPACITOR TUB(HIGH DIELE)	22000P 25V Z FTA52	C345
0CX3000K409	2	CAPACITOR TUB(T.C)	30P 50V J SL TA52	C305,307
0CX3300K409	3	CAPACITOR TUB(T.C)	33P 50V J SL TA52	C306,308,386
0CX6800K409	1	CAPACITOR TUB(T.C)	68P 50V J SL TA52	C387
0DD133009AB	11	DIODE,SWITCHING		
0DD133009AB	5	DIODE,SWITCHING		D301,302,305,308,309
0DD133009AB	5	DIODE,SWITCHING		D311,317,321,322,324
0DD133009AB	1	DIODE,SWITCHING		D328
0DL307119EA	2	LED	LTL-307KE-112A TP LITEON GREEN	LD303,304
0DZ680009AL	2	DIODE,ZENER	GDZJ6.8B TP DO-34 500MW	ZD301,302
0RD0471F609	2	RESTR,FIXED CRBN FLM	4.7 1/6W 5 TA52	R386,390
0RD1001F609	26	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R301,302,303,304,305
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R306,307,308,309,310
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R311,312,324,368,369
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R370,371,372,373,374
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R375,376,377,379,384
0RD1001F609	1	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R385
0RD1002F609	15	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R313,314,315,316,317

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R318,319,327,328,380
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R381,382,383,393,394
0RD1201F609	3	RESTR,FIXED CRBN FLM	1.2K 1/6W 5 TA52	R340,350,360
0RD1501F609	4	RESTR,FIXED CRBN FLM	1.5K 1/6W 5 TA52	R331,341,351,361
0RD1502F609	3	RESTR,FIXED CRBN FLM	15K 1/6W 5 TA52	R346,356,366
0RD1800F609	2	RESTR,FIXED CRBN FLM	180 1/6W 5 TA52	R320,321
0RD2201F609	3	RESTR,FIXED CRBN FLM	2.2K 1/6W 5 TA52	R342,352,362
0RD2203F609	1	RESTR,FIXED CRBN FLM	220K 1/6W 5 TA52	R323
0RD2702F609	3	RESTR,FIXED CRBN FLM	27K 1/6W 5 TA52	R347,357,367
0RD3300F609	1	RESTR,FIXED CRBN FLM	330 1/6W 5 TA52	R329
0RD3301F609	3	RESTR,FIXED CRBN FLM	3.3K 1/6W 5 TA52	R343,353,363
0RD3303F609	1	RESTR,FIXED CRBN FLM	330K 1/6W 5 TA52	R398
0RD4701F609	3	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R344,354,364
0RD4702F609	1	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	R326
0RD4704F609	1	RESTR,FIXED CRBN FLM	4.7M 1/6W 5 TA52	R397
0RD6800F609	3	RESTR,FIXED CRBN FLM	680 1/6W 5 TA52	R338,348,358
0RD6801F609	1	RESTR,FIXED CRBN FLM	6.8K 1/6W 5 TA52	R330
0RD8200F609	3	RESTR,FIXED CRBN FLM	820 1/6W 5 TA52	R339,349,359
0RD8201F609	3	RESTR,FIXED CRBN FLM	8.2K 1/6W 5 TA52	R345,355,365
0TR102009AF	2	TRANSISTOR	KRC102M,(KRC1202) TP KEC TO92	Q303,304
0TR126609AA	1	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	Q301
0TR319209AA	1	TRANSISTOR	KTC3192-O(KTC380TM) TP KEC TO9	Q302
556-219B	33	SWITCH,TACT	THVV502GAA PT NON 12V 5A	
556-219B	5	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW301,302,303,304, 305
556-219B	5	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW306,307,308,309, 310
556-219B	5	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW311,312,313,314, 315
556-219B	5	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW316,317,318,319, 320
556-219B	5	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW321,322,323,324, 325
556-219B	5	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW326,327,328,329, 330
556-219B	3	SWITCH,TACT	THVV502GAA PT NON 12V 5A	SW331,332,333
6870R2175AA	1	PWB(PCB)	JBL A,C,C-3 FRONT PHEN FR-1 1L	##FRONT PCB
0RD1003F609	1	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	R3A1
0RD1004F609	1	RESTR,FIXED CRBN FLM	1.0M 1/6W 5 TA52	R3A3
0CE1076K618	1	CAPACITOR,ELCTYTC	100UF SMS 50V M FL TP5	C347
0CN1040K949	1	CAPACITOR,TUB(HIGH DIELEC)	0.1M 50V Z F TA52	C309
0CN4730K949	1	CAPACITOR,TUB(HIGH DIELEC)	0.047UF 50V Z F TA52	C310
GAC+002J	1	*CONNECTOR ASSY GS	C,AY GSIL-G03/IL-J03 (I)280(S)	CN311
L82+C30S	1	LEAD SET	P=2.0 UL2877#26 SA-SC 3 300 S/	##FOR CN312,PN312
0ICTMSA001A	1	IC,CUSTOMIZED	LC866548V-5T09(866548Y-5T09)	IC301
563-638D	1	CONNECTOR ASSY	MINA #24,1007GN 3.25O 150	W3A2
6871RG2182B	1	(PCB) ASSY,DECK(AUDIO)	JBL A,C,C-3 DECK	
6872RG2182B	1	(PCB) ASSY,DECK(AUD	JBL A,C,C-3 DECK	
0IKE628900A	1	IC,KEC	KIA6289N (=0IKE818900A)NDIP-24	IC202
0IRH209000A	1	IC,ROHM	BU2090F 16PIN SOP BK EXPANDER	IC203
0IRH312600A	1	IC,ROHM	BA3126N . BK HI VOL. HEAD	IC201

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RV1472D230	1	VR RESTR,CRBN FLM	4.7K 6 ST P3 L2.5 5	VR201
561-686T	1	CONNECTOR	00-8370-201-000-800 ELCO KOREA	PN205
6140SCR001A	1	COIL,OSCILLATOR	LKS75M00-X000291-0 KWANG SUNG	L201
6630R-BF03C	1	CONCTR (CIRC),PCB TO PCB	JE121-03 JAE EUN 3PIN 2.54MM B	PN201
6630R-BF03F	1	CONCTR (CIRC),PCB TO PCB	JE121-06 JAE EUN 6PIN 2.54MM B	PN202
6630R-BF03J	2	CONCTR (CIRC),PCB TO PCB	JE121-10 JAE EUN 10PIN 2.54MM	PN203,204
6873RG2182B	1	PWB(PCB) ASSY,DECK(AU	JBL A,C,C-3 DECK	
0CE1066J618	5	CAPACITOR,ELCTYTC	10M SMS 35V M FL TP(5)	C220,229,234,241,243
0CE1076F618	3	CAPACITOR,ELCTYTC	100M SMS 16V M FM5 TP(5)	C216,223,235
0CE2256K618	3	CAPACITOR,ELCTYTC	2.2M SMS 50V M FL TP(5)	C205,206,236
0CE4756K618	3	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	C221,228,248
0CE4766F618	3	CAPACITOR,ELCTYTC	47M SMS 16V M FL TP(5)	C237,239,242
0CN1020K519	2	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C238,240
0CN1040K949	5	CAPCTR,TUB(HIGH DIELC)	0.1M 50V Z F TA52	C254,255,256,257,258
0CN1220F669	5	CAPCTR TUB(HIGH DIELE)	1200P 16V M X TA52	C201,202,209,210,213
0CN1520F569	2	CAPCTR,TUB(HIGH DIELC)	1500PF 16V K X TA52	C249,250
0CN1820F669	2	CAPCTR TUB(HIGH DIELE)	1800P 16V M X TA52	C203,208
0CN2210K519	4	CAPCTR TUB(HIGH DIELE)	220P 50V K B TA52	C211,212,251,252
0CN2220F669	2	CAPCTR TUB(HIGH DIELE)	2200P 16V M X TA52	C244,246
0CN2230H949	3	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52	C253,259,260
0CN3310K519	6	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	
0CN3310K519	5	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	C225,226,230,232,245
0CN3310K519	1	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	C247
0CN3320F669	2	CAPCTR,TUB(HIGH DIELC)	3300PF 16V M X TA52	C204,207
0CN4730K949	2	CAPCTR,TUB(HIGH DIELC)	0.047UF 50V Z F TA52	C215,261
0CQ1021N409	1	CAPACITOR,POLY(MYLAR)	0.001U 100V J POLY TP	C219
0CQ1031N409	2	CAPACITOR POLY(MYLAR)	0.01UF 100V J PE TP	C227,233
0CQ1531N409	1	CAPACITOR POLY(MYLAR)	0.015U 100V J POLY TP	C218
0CQ5621N409	1	CAPACITOR POLY(MYLAR)	0.0056U 100V J POLY TP	C214
0CQ5631N409	1	CAPACITOR,POLY(MYLAR)	0.056U 100V J POLY TP	C217
0DD133009AB	4	DIODE,SWITCHING		D202,203,204,205
0RD0102F609	1	RESTR,FIXED CRBN FLM	10 1/6W 5 TA52	R234
0RD0222F609	3	RESTR,FIXED CRBN FLM	22 1/6W 5 TA52	R231,232,290
0RD0682F609	2	RESTR,FIXED CRBN FLM	68 1/6W 5 TA52	R202,212
0RD1001F609	2	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R276,277
0RD1002F609	17	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R223,227,233,246,252
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R254,256,258,262,279
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R282,284,287,288,289
0RD1002F609	2	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R291,293
0RD1003F609	10	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	
0RD1003F609	5	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	R201,208,211,218,221
0RD1003F609	5	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	R225,229,260,261,280
0RD1202F609	6	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	
0RD1202F609	5	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	R205,215,255,257,259
0RD1202F609	1	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	R263
0RD1501F609	3	RESTR,FIXED CRBN FLM	1.5K 1/6W 5 TA52	R278,285,286
0RD1502F609	2	RESTR,FIXED CRBN FLM	15K 1/6W 5 TA52	R204,214
0RD1801F609	2	RESTR,FIXED CRBN FLM	1.8K 1/6W 5 TA52	R206,216

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD1802F609	3	RESTR,FIXED CRBN FLM	18K 1/6W 5 TA52	R235,294,298
0RD2201F609	3	RESTR,FIXED CRBN FLM	2.2K 1/6W 5 TA52	R209,219,230
0RD2202F609	2	RESTR,FIXED CRBN FLM	22K 1/6W 5 TA52	R247,253
0RD2703F609	1	RESTR,FIXED CRBN FLM	270K 1/6W 5 TA52	R240
0RD3902F609	1	RESTR,FIXED CRBN FLM	39K 1/6W 5 TA52	R29A
0RD3903F609	2	RESTR,FIXED CRBN FLM	390K 1/6W 5 TA52	R203,213
0RD4700F609	2	RESTR,FIXED CRBN FLM	470 1/6W 5 TA52	R239,29D
0RD4701F609	13	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	
0RD4701F609	5	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R236,245,251,264,265
0RD4701F609	5	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R266,267,268,269,271
0RD4701F609	3	RESTR,FIXED CRBN FLM	4.7K 1/6W 5 TA52	R272,273,283
0RD4702F609	8	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	
0RD4702F609	5	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	R237,238,241,242,243
0RD4702F609	3	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	R248,249,29B
0RD5600F609	2	RESTR,FIXED CRBN FLM	560 1/6W 5 TA52	R210,220
0RD5601F609	3	RESTR,FIXED CRBN FLM	5.6K 1/6W 5 TA52	R224,228,281
0RD5602F609	3	RESTR,FIXED CRBN FLM	56K 1/6W 5 TA52	R207,217,29C
0RD8201F609	4	RESTR,FIXED CRBN FLM	8.2K 1/6W 5 TA52	R295,296,297,299
0TR102009AF	2	TRANSISTOR	KRC102M,(KRC1202) TP	Q205,213
0TR126609AA	1	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	Q215
0TR127309AA	3	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	Q214,218,219
0TR319809AB	8	TRANSISTOR	KTC3198-TP-GR (KTC1815)	
0TR319809AB	5	TRANSISTOR	KTC3198-TP-GR (KTC1815)	Q201,204,206,207,208
0TR319809AB	3	TRANSISTOR	KTC3198-TP-GR (KTC1815)	Q209,210,211
0TR320509AB	1	TRANSISTOR	KTC3205-TP-Y (KTC2236A)	Q202
672-001AAAA	5	WIREW SHIELD	TIN WIRE	
672-001AAAA	0	WIREW SHIELD	TIN WIRE	D201
672-001AAAA	0	WIREW SHIELD	TIN WIRE	FB201,202,203,204
6870R2182AA	1	PWB(PCB)	JBL A,C,C-3 DECK PHEN FR-1 1LA	
631T603R	2	FILTER(CIRC),EMI	BFS2545A0F(52MM TP) SAMHWA AX	FB205,206
0RD3301F609	2	RESTR,FIXED CRBN FLM	3.3K 1/6W 5 TA52	R222,226
0CE3366F618	2	CAPACITOR,ELCTYTC	33M SMS 16V M FL TP(5)	C224,231
0RD2702F609	2	RESTR,FIXED CRBN FLM	27K 1/6W 5 TA52	R244,250
0WR0806N092	1	LEAD WIRE	1007 22 SIN 60 BN 7-7 NA	W278
6871S-38KAG	1	PWB(PCB) ASSY,TOTAL	JBL 3CD MAIN ASSY (OPTICAL)	
6872S-38KAG	1	H&A INS PWB(PCB) ASSY,TOTAL	JBL 3CD MAIN ASSY (OPTICAL)	
0ISS922300A	1	IC,SAMSUNG	KB9223 80P QFP BK CD ASP	IC801
0ISS928600B	1	IC,SAMSUNG	KS9286B 80P QFP BK DSP FOR CD	IC802
0ISS925800A	1	IC,SAMSUNG	KA9258D-T1 4CH DRIVER,S/S	IC803
0ISS830100B	1	IC,SAMSUNG	KA8301 10PIN SIP BK CD MOTOR D	IC804
0ISS308200A	1	IC,SAMSUNG	KA3082 10-SIP BK MOTOR DRIVE	IC805
617T602E	1	CRYSTAL	HC49/U B169346008 KONY RADIAL	X801
6630S-FB07P	1	CONNECTOR (CIRC),FFC/FPC	00-6232-016-008-800 ELCO KOREA	PN801
561-711BAAA	1	CONNECTOR	*WAFER,G/S GIL-S-02P-S2T2-EF	PN802

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
561-711F	1	CONNECTOR	*WAFER,G/S GIL-S-06P-S2T2-EF	PN803
561-711DAAA	1	CONNECTOR	GIL-S-04P-S2T2-EF LG CABLE 4PI	PN804
561-711EAAA	1	CONNECTOR	*WAFER,G/S GIL-S-05P-S2T2-EF	PN805
561-686T	1	CONNECTOR	00-8370-201-000-800 ELCO KOREA	PN806
561-644J	1	CONNECTOR	52147-1010 K-MOLEX 10PIN 2.0MM	PN807
561-716C	1	CONNECTOR	GIL-G-03P-S3L2-E LG CABLE 3PIN	TP801
4810S-7829A	2	BRACKET	CD MOTOR(0.3T)NEW-MD	BK801,802
6873S-38KAG	1	PWB(PCB) ASSY,TOTAL	JBL 3CD MAIN ASSY (OPTICAL)	
6870S-38KAA	1	PWB(PCB),TOTAL	PCB(3 CD MAIN, S/S)	##CD PCB
0TR126609AB	1	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	Q801
0DD133009AB	1	DIODE,SWITCHING	12	D801
0DZ390009AC	1	DIODE,ZENER	GDZJ3.9B TP DO-34 500MW	ZD801
0DZ510009AH	1	DIODE,ZENER	GDZJ5.1B TP DO-34 500MW	ZD803
0RD0182F609	1	RESTR,FIXED CRBN FLM	18 1/6W 5 TA52	R848
0RD0222F609	1	RESTR,FIXED CRBN FLM	22 1/6W 5 TA52	R801
0RD1000F609	2	RESTR,FIXED CRBN FLM	100 1/6W 5 TA52	R863,864
0RD2200F609	2	RESTR,FIXED CRBN FLM	220 1/6W 5 TA52	R865,899
0RD1001F609	13	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R824,850,851,852,853
0RD1001F609	5	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R854,855,856,857,858
0RD1001F609	3	RESTR,FIXED CRBN FLM	1.0K 1/6W 5 TA52	R859,877,878
0RD3301F609	2	RESTR,FIXED CRBN FLM	3.3K 1/6W 5 TA52	R845,847
0RD5601F609	7	RESTR,FIXED CRBN FLM	5.6K 1/6W 5 TA52	
0RD5601F609	5	RESTR,FIXED CRBN FLM	5.6K 1/6W 5 TA52	R849,882,883,884,892
0RD5601F609	2	RESTR,FIXED CRBN FLM	5.6K 1/6W 5 TA52	R893,894
0RD8201F609	6	RESTR,FIXED CRBN FLM	8.2K 1/6W 5 TA52	
0RD8201F609	5	RESTR,FIXED CRBN FLM	8.2K 1/6W 5 TA52	R837,844,867,871,874
0RD8201F609	1	RESTR,FIXED CRBN FLM	8.2K 1/6W 5 TA52	R876
0RD1002F609	5	RESTR,FIXED CRBN FLM	10K 1/6W 5 TA52	R834,836,841,870,872
0RD1502F609	4	RESTR,FIXED CRBN FLM	15K 1/6W 5 TA52	R808,820,831,835
0RD1802F609	3	RESTR,FIXED CRBN FLM	18K 1/6W 5 TA52	R821,873,875
0RD2702F609	5	RESTR,FIXED CRBN FLM	27K 1/6W 5 TA52	R846,880,881,890,891
0RD3902F609	1	RESTR,FIXED CRBN FLM	39K 1/6W 5 TA52	R868
0RD5602F609	1	RESTR,FIXED CRBN FLM	56K 1/6W 5 TA52	R827
0RD4702F609	3	RESTR,FIXED CRBN FLM	47K 1/6W 5 TA52	R829,832,869
0RD6802F609	5	RESTR,FIXED CRBN FLM	68K 1/6W 5 TA52	R802,803,805,806,866
0RD8202F609	3	RESTR,FIXED CRBN FLM	82K 1/6W 5 TA52	R804,807,833
0RD1003F609	5	RESTR,FIXED CRBN FLM	100K 1/6W 5 TA52	R823,828,842,885,895
0RD1503F609	4	RESTR,FIXED CRBN FLM	150K 1/6W 5 TA52	R822,825,830,840
0RD1803F609	1	RESTR,FIXED CRBN FLM	180K 1/6W 5 TA52	R814
0RD4703F609	1	RESTR,FIXED CRBN FLM	470K 1/6W 5 TA52	R813
0RD1004F609	1	RESTR,FIXED CRBN FLM	1.0M 1/6W 5 TA52	R843
0RD2204F609	1	RESTR,FIXED CRBN FLM	2.2M 1/6W 5 TA52	R812
0CX2R20K419	1	CAPACITOR,TUB(T.C)	2.2PF 50V J NP0 TA52	C805
0CX4700K409	2	CAPACITOR TUB(T.C)	47P 50V J SL TA52	C851,852
0CN1010K519	1	CAPCTR TUB(HIGH DIELE)	100P 50V K B TA52	C831
0CN1510K519	2	CAPCTR,TUB(HIGH DIELC)	150P 50V K B TA52	C881,891

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0CN3310K519	2	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	C883,893
0CN5610K519	1	CAPCTR TUB(HIGH DIELE)	560P 50V K B TA52	C823
0CN1020K519	8	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	
0CN1020K519	5	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C802,827,836,867,868
0CN1020K519	3	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C887,889,897
0CN1520F569	4	CAPCTR,TUB(HIGH DIELC)	1500PF 16V K X TA52	C810,850,882,892
0CN2220F669	1	CAPCTR TUB(HIGH DIELE)	2200P 16V M X TA52	C828
0CN4720F669	4	CAPCTR TUB(HIGH DIELE)	4700P 16V M X TA52	C806,830,885,895
0CN6820F669	1	CAPCTR TUB(HIGH DIELE)	6800P 16V M X TA(52)	C837
0CN1030F679	10	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52	
0CN1030F679	5	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52	C807,811,814,825,826
0CN1030F679	5	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52	C832,846,849,855,862
0CN2230H949	2	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52	C840,854
0CN4730K949	1	CAPCTR,TUB(HIGH DIELC)	0.047UF 50V Z F TA52	C848
0CN1040K949	9	CAPCTR,TUB(HIGH DIEEC)	0.1M 50V Z F TA52	
0CN1040K949	5	CAPCTR,TUB(HIGH DIELC)	0.1M 50V Z F TA52	C822,824,841,842,857
0CN1040K949	4	CAPCTR,TUB(HIGH DIELC)	0.1M 50V Z F TA52	C860,861,864,866
0CQ3331N409	3	CAPACITOR POLY(MYLAR)	0.033U 100V J POLY TP	C815,821,843
0CQ6831N409	1	CAPACITOR POLY(MYLAR)	0.068U 100V J POLY TP	C833
0CK1020K945	1	CAPCTR,CER(HIGH DIELE)	1000PF 50V Z F TR	C856
0CE4746K618	2	CAPACITOR,ELCTYTC	0.47M SMS 50V M FL TP(5)	C844,845
0CE1056K618	2	CAPACITOR,ELCTYTC	1.0M SMS 50V M FL TP(5)	C808,888
0CE4756K618	6	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	
0CE4756K618	5	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	C812,817,880,884,890
0CE4756K618	1	CAPACITOR,ELCTYTC	4.7M SMS 50V M FL TP(5)	C894
0CE1066J618	1	CAPACITOR,ELCTYTC	10M SMS 35V M FL TP(5)	C834
0CE4766F618	3	CAPACITOR,ELCTYTC	47M SMS 16V M FL TP(5)	C803,809,813
0CE1076D618	4	CAPACITOR,ELCTYTC	100M SMS 10V M FM5 TP(5)	C801,816,847,859
0CE4776D618	2	CAPACITOR,ELCTYTC	470M SMS 10V M FL TP(5)	C835,853
0CE4776F618	1	CAPACITOR,ELCTYTC	470UF SMS 16V M FL TP5	C865
0DZ470009AD	1	DIODE,ZENER	GDZJ4.7B TP DO34 500MW	ZD804
0RD1202F609	1	RESTR,FIXED CRBN FLM	12K 1/6W 5 TA52	R809
561-715C	1	CONNECTOR	GIL-G-03P-S3T2-E LG CABLE 3PIN	CN820
6730S-G005E	1	DECK MECHANISM	ADR244AMW3 SAM L-DOUBLE A/	
447-938K	1	CUSHION	CUSHION RUBBER(MTR-400/500)	
6850RCHT24A	2	CABLE,FLAT	P=1.25 FFC UL2896(0.05X0.8) 20	
6630R-BF06J	2	CONNR (CIRC),PCB TO PCB	JE11T-D15T-10 JAE EUN 10PIN 2.	##FOR DECK
0FT4001B510	2	FUSE,TIME LAG	4000MA 250 V 5.2X20 CY/GL ECT	F703,704
0FT4001B512	2	FUSE,TIME LAG	4A 250V 5.2X20 CY/GL UL/CSA	
0FT6301B510	2	FUSE,TIME LAG	6300MA 250 V 5.2X20 CY/GL	F705,706
0FT6301B512	2	FUSE,TIME LAG	6300MA 250 V 5.2X20 CY/GL	
3300SCF002K	1	PLATE	JBL20/30(PAD ONE PACKING)	
6850RCGP24A	1	CABLE,FLAT	P1.0 FFC UL2896(0.05X0.65)	CH8001
563-648D	1	CONNECTOR ASSY	ECTOR AY 150 CODE A UL	
3850RCZ004A	1	LABEL	JBL ORIGIN(BOX)	#FOR BOX

SG3030 PARTS LISTS

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
PACKAGE				
694-005I	1	BAG SOFT	FFH-272(E.PS+HDPE)	
926-0016	0	TAPE ADHESIVE VINYL	OPP TAPE(60WX50H)	
951-001A	1	DECK AND OTHER PARTS	DRY CARAT (3G)	
6710R-XC01A	1	REMOTE CONTROLLER	HANGO 32KEY HANGO JBL A/C	
3829RAT001A	1	MANUAL ASSY	FFH-2020/3030 JBL USA	
3828RCD029A	1	MANUAL,OWNERS	CSG2020A ENGLISH JBL	
3840RGW001A	1	CARD	JBL WARRANTY(USA)	
292-004P	1	BAG PE	P.E BAG (25X35)	
3840RGR001A	1	CARD	JBL REGITRATION (USA)	
3890RCA024B	1	BOX	CSG3030A JBL-USA WHD 4 FLX	
3920RCE003A	1	PACKING	JBL 0.02 15 EPS 4 155 324	
MECHANICAL				
3721RCF010A	1	PANEL ASSY	FRONT(JBL C)	
3720RCF004A	1	PANEL	FRONT -A(JBL)	
3580RCA004A	1	DOOR	CST -L(JBL)	
3580RCA004B	1	DOOR	CST -R(JBL)	
3580RCC002C	1	DOOR	CD (FFH-3030A UL)	
3790RCP016A	1	WINDOW	FL(JBL)	
3790RCZ005A	1	WINDOW	CST-L(JBL)	
3790RCZ005B	1	WINDOW	CST-R(JBL)	
4930RC0005A	1	HOLDER	CST DOOR(JBL)	
3300RCP001A	3	PLATE	BADGE JBL	
4940RCT007A	1	KNOB	POWER(JBL)	
4940RCT008A	1	KNOB	OPEN/CLOS	
4940RCT009A	1	KNOB	CLOCK(JBL)	
4940RCT012A	1	KNOB	TUNING(JBL)	
4940RCT013A	1	KNOB	STOP(JBL)	
4940RCT014A	1	KNOB	#12(JBL)	
4940RCT015A	1	KNOB	#7(JBL)	
4940RCV004A	1	KNOB	VOLUME(JBL)	
4901SK0001C	2	DAMPER ASSY	GEAR DAMPER AY(WH+WH G331)	
3140RC0001A	1	CHASSIS	MAIN(MINI COMPO)	
841N0015	2	BATTERY	R03G=0012 NO MERCURY HI-WATT 1	
3610RC0001A	2	FOOT	MOLD FOR JBL	
442-085E	2	SPRING	SPRING-DOOR (F-101)50D L=35	
384-535A	2	GUIDE	EJECT AY(FK-535 BD1)DUAL	
4930S-0536A	1	HOLDER	HLDR GUIDE(FK-535 BD1)DUAL	A28
442-780A	1	SPRING	SPRING SPIRAL(FJ-676)EJECT	A29
384-014AAAA	1	GUIDE	GUIDE EJECTOR(FJ-676)	A30
353-025C	68	SCREW	TAPTITE 3X10 FBK	
353-025T	7	SCREW,	TAPTITE 3X10.5 FZMY	##PANEL+CHAS/PANEL+MD

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
1TRL0402418	4	BRZR HEAD TA SCREW + 2 CUT	D 4.0 L 8.0 MSWR3/FZY	##CHAS+TRANS
4405SCE002A	1	MECHANISM ASSY	CDM-H1303 SHIN HEUNG CD CHANGE	
563-801D	1	CNCTR ASSY	P=2.0 GIL-S06X2 1571#28 250	
4405SBE001A	1	MECHANISM ASSY	CDM-H1303 SHIN HEUNG CD CHANGE	
4404SBA001A	1	MECHANISM	MAIN ASSY(CDM-H1303)	
4860SB0002A	1	CLAMP	CLAMP ASSY	701
4860SB0001A	1	CLAMP	DISC(CDM-H1303)	
3550SB0001A	1	COVER	MAGNET(CDM-H1303)	
524-012AAAA	1	COVER	CLAMP MAGNET (030X018X5T)	
3040SB0004A	1	BASE	PU ASSY(CDM-H1303)	
4405SCB001A	1	MECHANISM ASSY	KSM-213CCM SONY HI-FI FRONT LO	
6756S-O001A	1	CD MECHANISM PARTS	KSM-213CDM MOTOR,GEAR	4
6756S-T001A	1	CD MECHANISM PARTS	KSM-213CDM LEAD IN	2
6756S-G001A	1	CD MECHANISM PARTS	KSM-213CDM FEED GEAR	1
6756S-X001A	1	CD MECHANISM PARTS	SONY KSS-213C	3
3040SB0003A	1	BASE	PU(CDM-H1303)	
4900SB0001A	4	DAMPER	DAMPER RUBBER	
88H-0002	2	CD MECHA PARTS	3X9X12FZMY	
6756SBX001A	4	CD MECHANISM PARTS		
4680SBP001A	1	MOTOR(MECH)	PULLEY ASSY (CDM-H1303)	711
414-044A	1	MOTOR	RF500TB-14415 (MABUCHI)	K
4560SB0001A	1	PULLEY	MOTOR (CDM-H1303)	
353S353F	2	SCREW		MOTOR
3040SB0002A	1	BASE	MAIN(CDM-H1303)	712
4974SB0001A	1	GUIDE	CAM (CDM-H1303)	713
4970SBN002A	1	SPRING	CAM (CDM-H1303)	714
4400SB0001A	1	BELT	MAIN(CDM-H1303)	715
4471SB0001A	1	GEAR ASSY	GEAR CAM ASSY	716
4470SB0001A	1	GEAR	CAM UP(CDM-H1303)	
4470SB0002A	1	GEAR	CAM DOWN(CDM-H1303)	
4470SB0005A	1	GEAR	MAIN (CDM-H1303)	717
4470SB0003A	1	GEAR	PULLEY (CDM-H1303)	718
4470SB0004A	1	GEAR	LOADING (CDM-H1303)	719
4470SB0007A	1	GEAR	PU UP-A (CDM-H1303)	720
4470SB0008A	1	GEAR	PU UP-B (CDM-H1303)	721
4470SB0006A	1	GEAR	PU DOWN (CDM-H1303)	722
88H-0002	1	CD MECHA PARTS	3X9X12FZMY	
88H-0002	1	CD MECHA PARTS	3X9X12FZMY	709
88H-0002	1	CD MECHA PARTS	3X9X12FZMY	GEAR
88H-0003	1	CD MECHA PARTS	3X12X10FZMY	
88H-0003	1	CD MECHA PARTS	3X12X10FZMY	723
88H-0003	1	CD MECHA PARTS	3X12X10FZMY	CAM
6871SD21RAD	1	PWB(PCB) ASSY	3CH M/D CAM PWB ASSY	724
556-624B	1	SWITCH LEVER	SSCF21002A J-ALPS NON DC12V	K
353-028H	1	SCREW		PCB
6870SD21RAB	1	PWB(PCB)	3CH M/D CAM PWB ASSY	
6631SBE001B	1	CNCTR ASSY	P=2.0 ,GIL-S04/S04 UL 1571	

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
6871SB21RAD	1	PWB(PCB) ASSY	3CH M/D U/D/O/C PWB ASSY	725
558-024E	1	SWITCH SPECIAL	SPPB61114A J-ALPS	K
6870SB21RAB	1	PWB(PCB)	3CH M/D U/D/O/C PWB ASS'Y	34
6631SBE001A	1	CNCTR ASSY	P=2.0 , GIL-S02/S02 UL1571	
6871SC21RAD	1	PWB(PCB) ASSY	3CH M/D OPEN PWB ASSY	726
556-624B	1	SWITCH LEVER	SSCF21002A J-ALPS NON DC12V 10	K
353-028H	1	SCREW		PCB
672-001AAAA	2	WIREW SHIELD	TIN WIRE	
6870SC21RAB	1	PWB(PCB)	3CH M/D OPEN PWB	
4404SBA002A	1	MECHANISM	MECHANISM TRAY(CDMH1303)	
4371SB0002A	1	SHAFT ASSY	TRAY (CDM-H1303)	31
4470SB0009A	1	GEAR	WORM (CDM-H1303)	
4370SB0019A	1	SHAFT	TRAY (CDM-H1303)	
4560SB0002A	1	PULLEY	TRAY (CDM-H1303)	
3390SB0001A	1	TRAY	LOADING (CDM-H1303)	33
3390SB0002A	1	TRAY	DISC (CDM-H1303)	36
4974SB0003A	1	GUIDE	WORM (CDM-H1303)	29
4400SB0001B	1	BELT	TRAY(CDM-H1303)	32
4470SB0010A	1	GEAR	TRAY A (CDM-H1303)	37
4470SB0011A	1	GEAR	TRAY B (CDM-H1303)	38
88H-0004	1	CD MECHA PARTS	3X12X12FNM	16
88H-0002	2	CD MECHA PARTS	3X9X12FZMY	1
6871SF21RAD	1	PWB(PCB) ASSY	3CH M/D SENSOR PWB ASSY	30
6870SF21RAB	1	PWB(PCB)	3CH M/D SENSOR PWB ASSY	
653-902B	1	LED	GP1S53 PHOTO SENSOR BK SHARP G	K
353-025BAAA	1	SCREW		PCB
6631SBE001C	1	CNCTR ASSY	P=2.0 ,GIL-S05/S05 UL1571	
4680SBP002A	1	MOTOR(MECH)	ASSY TRAY	35
414-044A	1	MOTOR	RF500TB-14415 (MABUCHI)	K
4560SB0001A	1	PULLEY	MOTOR (CDM-H1303)	
6870SE21RAB	1	PWB(PCB)	3CH M/D TRAY PWB ASSY	
88H-0008	2	CD MECHA PARTS	(LEN315FL)	
892-0001	0	SOLDER LEAD-WIRE	SOLDER-LEAD-WIRE RH-50 1.6	
6730S-G005E	1	DECK MECHANISM	ADR244AMW3 SAMSUNG L-DOUBLE A/	
3090RCM001G	1	CABINET	TOP (JBL MINI COMPO)	
632N218E	1	COIL,ANTENNA	KS951212-01 KWANGSUNG LOOP	
5010SCT001A	1	ANTENNA	533-010K SESHIN FM T LGEHZ	
328-190B	2	BAND NYLON	BAND TIE	
6410SCH201A	1	POWER CORD	(HIFI)SPT-2 60C 2X18AWG VW-1 H	
3720RCZ009A	1	PANEL	BACK JBL(C MODEL)UL	
3720RCM008E	2	PANEL,AUDIO	SIDE(JBL MINI COMPO)	
447-938K	1	CUSHION	CUSHION RUBBER(MTR-400/500)	
3300R-M061B	1	PLATE	DECO JBL (3030)	
3850RCZ001A	1	LABEL	ORIGIN MARK(MADE IN CHINA)	
3850S-S022A	1	LABEL	FUSE UL 244-190N	
1TRL0302016	2	SCREW TAPPING,BRIZER HEAD	D 3.0 L 6.0 MSWR3/(BK)	

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
472-190K	2	FELT	11X3.2T BLACK JBL	
447-938U	3	CUSHION	EVA (20X20X15) JBL	
6871RM2177B	1	(PCB) ASSY,MAIN(AUDIO)	FFH3030 CE MAIN	
353-022M	5	SCREW	TAPTITE 3X6 FZMY PAN S-TYPE	##HS BKT+CHAS
353-025C	15	SCREW	TAPTITE 3X10 FBK	
353-025C	2	SCREW	TAPTITE 3X10 FBK	A
353-025C	4	SCREW	TAPTITE 3X10 FBK	B
353-025C	2	SCREW	TAPTITE 3X10 FBK	C
353-025C	7	SCREW	TAPTITE 3X10 FBK	D
353-025HAAA	2	SCREW	TAPTITE 3X16 FZMY	##IC HYBRIDE
353-025R	4	SCREW	TAPTITE 3X20 FZMY	##FAN
4810RC0002A	1	BRACKET	H/S (F-969)	
4810S-0257A	1	BRACKET	HEATSINK-L	
4810S-0901A	1	BRACKET	IC(FM-95M)	
4920RCE003A	1	HEAT SINK	AL EX 170 JBL	

ELECTRICAL

6872RM2177B	1	PWB(PCB) ASSY,MAIN(AUD	FFH3030 CE MAIN	
0CE338CJ650	4	CAPCTR,ELTROLYC	3300UF SHL 35V M FM7.5 BULK	C418,419,450,451
0CE338H96A0	2	CAPCTR,AL.ELTROLYC	3300UF DL 75V M VNSN BULK	C416,417
0IHA405200A	1	IC,HARRIS	CD4052B 16P DIP DIFF-4-CH MUX	IC715
0IKE455800A	5	IC,KEC	KIA4558P 8DIP LIN OP-AMP	IC707,708,709,710,711
0ISA183700A	1	IC,SANYO	LA1837 30P DIP BK AM/FM IF MPX	IC102
0ISA411220A	1	IC,SANYO	STK411-220E 22P SIP BK PWR AMP	IC705
0ISA721310A	1	IC,SANYO	LC72131D 22P DIP BK PLL	IC103
0IPMGSG001B	2	IC,POWER MANAGEMENT	TDA7295S SGS-THOMSON 15P MULTI	IC703,704
0ISG744000A	1	IC,SGS-THOMSON	TDA7440D 28P SOP BK FUNCTION	IC702
0RM0150N764	2	RESITR,CEMENT	0.15 OHM 5 W 10% B RSR	R434,448
0RN0562J634	2	RESITR FIX METAL FILM	56 1W 5 MF15	R427,432
353-025G	2	SCREW	TAPTITE 3X10 FZMY	A
561-100D	1	CNCTR	SP-026B PARK ELEC. SPK	JK705
561-101B	1	CNCTR	SP-024B2 PARK ELEC. SPK	JK101
561-640J	1	CNCTR	GL200-10P-TS P=2.0 HLDR GSC	CN807
561-640L	1	CNCTR	GL200-12P-TS P=2.0 HLDR GSC	CN602
561-644C	1	CNCTR	52147-0310 K-MOLEX 3PIN 2.0MM	PN312
561-644J	1	CNCTR	52147-1010 K-MOLEX 10PIN 2.0MM	PN601
561-661B	1	CNCTR	5267-02A K-MOLEX 2PIN 2.54MM S	PN710
561-686T	1	CNCTR	00-8370-201-000-800 ELCO	CN205
561-715C	1	CNCTR	GIL-G-03P-S3T2-E LG CABLE 3PIN	PN311
572-559F	1	JACK 6.4	HTJ064-04B KUNMING 9PIN MOLD	JK702
576-002I	1	JACK RCA	S-436*-2P (RD/WH) PARK ELEC H	JK701
5900R-D001A	1	FAN	2406KL-04W-B20-T06 NMB	FAN1
6140SCB001D	1	COIL,RF	RF,MW TUNING UNIT(634-700E)	L107
6140SCD001A	1	COIL,IFT	KSNT-105I KWANGSUNG IFT BULK	L101
6140SCJ004A	1	COIL,OSCILLATOR	KSZ-73C KWANGSUNG OSC BULK	L106
616-008B	1	FILTER(CIRC),CERMC	SFE10.7MS2(RD) MURATA 10700000	CF101
637N009A	1	INDUCTOR	33MH C/CORE (=N008A)	L102

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
6612R-C007D	1	JACK,RCA	RCA-206-04 YUQIU 2PIN (BK-OR)	JK758
6630S-BC044	1	CNCTR (CIRC)	TKC-V30X-A1 TAIKO DENKI 30PIN	PN302
6700SCF001A	1	TUNER	KST-F401VA-2 KWANGSUNG FM 3GAN	TUN101
6873RM2177B	1	PWB(PCB) ASSY,MAIN(AU	FFH3030 CE MAIN	
0CC1000K015	1	CAPCTR,CMC(TEMP COMP)	10P 50V C NP0 TS	C140
0CE1046K618	3	CAPCTR,ELTROLYC	0.1M SMS 50V M FL TP(5)	C488,725,727
0CE1056K618	8	CAPCTR,ELTROLYC	1.0M SMS 50V M FL TP(5)	
0CE1056K618	5	CAPCTR,ELTROLYC	1.0M SMS 50V M FL TP(5)	C112,117,151,427,737
0CE1056K618	3	CAPCTR,ELTROLYC	1.0M SMS 50V M FL TP(5)	C741,749,751
0CE1066F618	5	CAPCTR,ELTROLYC	10UF SMS 16V M FL TP5	C197,709,710,788,790
0CE1066K618	8	CAPCTR,ELTROLYC	10M SMS 50V M FM5 TP(5)	
0CE1066K618	5	CAPCTR,ELTROLYC	10M SMS 50V M FM5 TP(5)	C110,113,114,153,154
0CE1066K618	3	CAPCTR,ELTROLYC	10M SMS 50V M FM5 TP(5)	C402,406,745
0CE1076F618	2	CAPCTR,ELTROLYC	100M SMS 16V M FM5 TP(5)	C143,423
0CE1076H618	1	CAPCTR,ELTROLYC	100M SMS 25V M FM5 TP(5)	C733
0CE1076K618	4	CAPCTR,ELTROLYC	100UF SMS 50V M FL TP5	C403,404,407,408
0CE2256K618	9	CAPCTR,ELTROLYC	2.2M SMS 50V M FL TP(5)	
0CE2256K618	5	CAPCTR,ELTROLYC	2.2M SMS 50V M FL TP(5)	C184,420,421,758,759
0CE2256K618	4	CAPCTR,ELTROLYC	2.2M SMS 50V M FL TP(5)	C761,762,792,797
0CE2266F618	10	CAPCTR,ELTROLYC	22M SMS 16V M FM5 TP(5)	
0CE2266F618	5	CAPCTR,ELTROLYC	22M SMS 16V M FM5 TP(5)	C121,430,721,723,736
0CE2266F618	5	CAPCTR,ELTROLYC	22M SMS 16V M FM5 TP(5)	C757,782,784,785,787
0CE2266K618	2	CAPCTR,ELTROLYC	22M SMS 50V M FM5 TP(5)	C767,771
0CE2276D618	1	CAPCTR,ELTROLYC	220UF SMS 10V M FL TP5	C789
0CE2276F618	2	CAPCTR,ELTROLYC	220M SMS 16V M FM5 TP(5)	C135,192
0CE3346K618	4	CAPCTR,ELTROLYC	0.33M SMS 50V M FL TP(5)	C726,728,732,734
0CE3356K618	2	CAPCTR,ELTROLYC	3.3M SMS 50V M FL TP(5)	C120,146
0CE3366F618	1	CAPCTR,ELTROLYC	33M SMS 16V M FL TP(5)	C123
0CE4746K618	10	CAPCTR,ELTROLYC	0.47M SMS 50V M FL TP(5)	
0CE4746K618	5	CAPCTR,ELTROLYC	0.47M SMS 50V M FL TP(5)	C144,145,714,715,716
0CE4746K618	5	CAPCTR,ELTROLYC	0.47M SMS 50V M FL TP(5)	C717,718,719,720,742
0CE4756K618	15	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	
0CE4756K618	5	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	C473,474,475,476,480
0CE4756K618	5	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	C482,484,722,724,743
0CE4756K618	5	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	C744,773,774,778,780
0CE4766F618	11	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	
0CE4766F618	5	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	C108,400,426,486,498
0CE4766F618	5	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	C713,735,750,777,781
0CE4766F618	1	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	C793
0CE4766K618	2	CAPCTR,ELTROLYC	47M SMS 50V M FM5 TP(5)	C183,185
0CK1040K945	1	CAPCTR,CERMC (HIGH DIE	0.1M 50V Z F TS	C102
0CK2230K945	1	CAP CERMC(HIGH DIE+C255)	0.022M 50V Z F TS	C104
0CK4730K945	3	CAPCTR,CERMC (HIGH DIE	0.047UF 50V Z F TR	C126,130,138
0CN1010K519	10	CAPCTR TUB(HIGH DIELE)	100P 50V K B TA52	
0CN1010K519	5	CAPCTR TUB(HIGH DIELE)	100P 50V K B TA52	C157,483,491,492,776
0CN1010K519	5	CAPCTR TUB(HIGH DIELE)	100P 50V K B TA52	C779,783,786,794,799
0CN1020K519	7	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	
0CN1020K519	5	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C103,127,133,481,485
0CN1020K519	2	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C795,798

PART#	QTY	DESCRIPTION			LOCATION/REF. DESIGNATOR
0CN1030F679	1	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52		C158
0CN1040K949	9	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52		
0CN1040K949	5	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52		C101,119,409,411,425
0CN1040K949	4	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52		C493,494,739,764
0CN3920F669	2	CAPCTR TUB(HIGH DIELE)	3900P 16V M X TA(52)		C760,763
0CN2210K519	6	CAPCTR TUB(HIGH DIELE)	220P 50V K B TA52		
0CN2210K519	5	CAPCTR TUB(HIGH DIELE)	220P 50V K B TA52		C463,464,703,704,707
0CN2210K519	1	CAPCTR TUB(HIGH DIELE)	220P 50V K B TA52		C708
0CN2220F669	2	CAPCTR TUB(HIGH DIELE)	2200P 16V M X TA52		C129,152
0CN2230H949	11	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52		
0CN2230H949	5	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52		C109,124,136,139,149
0CN2230H949	5	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52		C159,198,701,702,705
0CN2230H949	1	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52		C706
0CN2710K519	1	CAPCTR TUB(HIGH DIELE)	270P 50V K B TA52		C180
0CN3310K519	2	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52		C118,156
0CN4730K949	3	CAPCTR,TUB(HIGH DIE)	0.047UF 50V Z F TA52		C141,142,729
0CN5610K519	1	CAPCTR TUB(HIGH DIELE)	560P 50V K B TA52		C186
0CQ1031N409	4	CAPCTR POLY(MYLAR)	0.01UF 100V J PE TP		C413,414,746,747
0CQ1041N409	7	CAPCTR POLY(MYLAR)	0.1U 100V J POLY TP		
0CQ1041N409	5	CAPCTR POLY(MYLAR)	0.1U 100V J POLY TP		C410,412,422,765,766
0CQ1041N409	2	CAPCTR POLY(MYLAR)	0.1U 100V J POLY TP		C768,772
0CQ2221N409	2	CAPCTR POLY(MYLAR)	0.0022U 100V J POLY TP		C769,770
0CQ3331N409	4	CAPCTR POLY(MYLAR)	0.033U 100V J POLY TP		C115,116,461,462
0CQ4731N409	3	CAPCTR POLY(MYLAR)	0.047U 100V J POLY TP		C148,753,754
0CQ6831N409	1	CAPCTR POLY(MYLAR)	0.068U 100V J POLY TP		C738
0CX1000K419	1	CAPCTR,TUB(T.C)	10PF 50V J NP0 TA52		C122
0CX3000K409	2	CAPCTR TUB(T.C)	30P 50V J SL TA52		C131,132
0CX3300K409	2	CAPCTR TUB(T.C)	33P 50V J SL TA52		C181,182
0CX4R70K519	2	CAPCTR,TUB(T.C)	4.7PF 50V K NP0 TA52		C401,405
0CX8R20K519	1	CAPCTR,TUB(T.C)	8.2PF 50V K NP0 TA52		C196
0DD133009AB	12	DIODE,SWITCHING		12	
0DD133009AB	5	DIODE,SWITCHING		12	D106,141,142,143,150
0DD133009AB	5	DIODE,SWITCHING		12	D151,701,702,703,704
0DD133009AB	2	DIODE,SWITCHING		12	D707,710
0DR102109AA	5	DIODE,RECTIFIER	RL102-10C TP GULF		D105,108,109,153,709
0DZ510009AH	2	DIODE,ZENER	GDZJ5.1B TP DO-34 500MW		ZD701,702
0LA1000K019	1	INDUCTOR AXIAL LEAD	100M K 2.3X3.4 L5 TP(52M/M)		L109
0RD0102F609	12	RESITR,FIXED CARB FILM	10 1/6W 5 TA52		
0RD0102F609	5	RESITR,FIXED CARB FILM	10 1/6W 5 TA52		R105,121,436,437,449
0RD0102F609	5	RESITR,FIXED CARB FILM	10 1/6W 5 TA52		R450,453,464,784,785
0RD0102F609	2	RESITR,FIXED CARB FILM	10 1/6W 5 TA52		R789,790
0RD0222F609	1	RESITR,FIXED CARB FILM	22 1/6W 5 TA52		R116
0RD0472F609	2	RESITR,FIXED CARB FILM	47 1/6W 5 TA52		R180,185
0RD0562F609	1	RESITR,FIXED CARB FILM	56 1/6W 5 TA52		R101
0RD0752F609	1	RESITR,FIXED CARB FILM	75 1/6W 5 TA52		R724
0RD1000F609	4	RESITR,FIXED CARB FILM	100 1/6W 5 TA52		R102,110,728,729
0RD1001F609	16	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52		
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52		R125,126,127,128,146
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52		R486,717,747,748,751
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52		R752,753,754,758,760

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD1001F609	1	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R793
0RD1002F609	18	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R108,109,112,119,130
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R153,193,408,415,455
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R456,488,489,709,712
0RD1002F609	3	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R715,771,772
0RD1003F609	11	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	
0RD1003F609	5	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R144,409,412,482,720
0RD1003F609	5	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R721,733,764,765,794
0RD1003F609	1	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R795
0RD1004F609	1	RESITR,FIXED CARB FILM	1.0M 1/6W 5 TA52	R734
0RD1200F609	1	RESITR,FIXED CARB FILM	120 1/6W 5 TA52	R106
0RD1201F609	2	RESITR,FIXED CARB FILM	1.2K 1/6W 5 TA52	R411,413
0RD1202F609	4	RESITR,FIXED CARB FILM	12K 1/6W 5 TA52	R122,183,730,739
0RD1501F609	9	RESITR,FIXED CARB FILM	1.5K 1/6W 5 TA52	
0RD1501F609	5	RESITR,FIXED CARB FILM	1.5K 1/6W 5 TA52	R132,424,428,433,440
0RD1501F609	4	RESITR,FIXED CARB FILM	1.5K 1/6W 5 TA52	R441,443,444,447
0RD1502F609	10	RESITR,FIXED CARB FILM	15K 1/6W 5 TA52	
0RD1502F609	5	RESITR,FIXED CARB FILM	15K 1/6W 5 TA52	R404,405,406,407,463
0RD1502F609	5	RESITR,FIXED CARB FILM	15K 1/6W 5 TA52	R485,736,740,769,796
0RD1800F609	1	RESITR,FIXED CARB FILM	180 1/6W 5 TA52	R716
0RD1801F609	7	RESITR,FIXED CARB FILM	1.8K 1/6W 5 TA52	
0RD1801F609	5	RESITR,FIXED CARB FILM	1.8K 1/6W 5 TA52	R104,181,182,713,714
0RD1801F609	2	RESITR,FIXED CARB FILM	1.8K 1/6W 5 TA52	R722,723
0RD1802F609	6	RESITR,FIXED CARB FILM	18K 1/6W 5 TA52	
0RD1802F609	5	RESITR,FIXED CARB FILM	18K 1/6W 5 TA52	R703,704,705,706,783
0RD1802F609	1	RESITR,FIXED CARB FILM	18K 1/6W 5 TA52	R788
0RD2201F609	2	RESITR,FIXED CARB FILM	2.2K 1/6W 5 TA52	R148,190
0RD2202F609	9	RESITR,FIXED CARB FILM	22K 1/6W 5 TA52	
0RD2202F609	5	RESITR,FIXED CARB FILM	22K 1/6W 5 TA52	R135,495,762,766,773
0RD2202F609	4	RESITR,FIXED CARB FILM	22K 1/6W 5 TA52	R779,781,786,792
0RD2203F609	2	RESITR,FIXED CARB FILM	220K 1/6W 5 TA52	R438,439
0RD2700F609	3	RESITR,FIXED CARB FILM	270 1/6W 5 TA52	R757,782,787
0RD3300F609	1	RESITR,FIXED CARB FILM	330 1/6W 5 TA52	R111
0RD3301F609	15	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	
0RD3301F609	5	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	R136,137,141,142,151
0RD3301F609	5	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	R410,414,416,417,426
0RD3301F609	5	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	R431,435,446,718,719
0RD3302F609	16	RESITR,FIXED CARB FILM	33K 1/6W 5 TA52	
0RD3302F609	5	RESITR,FIXED CARB FILM	33K 1/6W 5 TA52	R117,118,430,442,445
0RD3302F609	5	RESITR,FIXED CARB FILM	33K 1/6W 5 TA52	R459,462,480,481,490
0RD3302F609	5	RESITR,FIXED CARB FILM	33K 1/6W 5 TA52	R491,701,702,707,708
0RD3302F609	1	RESITR,FIXED CARB FILM	33K 1/6W 5 TA52	R791
0RD3303F609	2	RESITR,FIXED CARB FILM	330K 1/6W 5 TA52	R731,732
0RD3901F609	4	RESITR,FIXED CARB FILM	3.9K 1/6W 5 TA52	R129,483,767,768
0RD4700F609	4	RESITR,FIXED CARB FILM	470 1/6W 5 TA52	R465,745,746,756
0RD4701F609	22	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	
0RD4701F609	5	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R113,114,120,133,134
0RD4701F609	5	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R149,152,156,191,726
0RD4701F609	5	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R742,743,744,749,759

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD4701F609	5	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R761,763,770,774,775
0RD4701F609	2	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R776,780
0RD4702F609	11	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	
0RD4702F609	5	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R107,403,454,458,460
0RD4702F609	5	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R461,466,710,711,741
0RD4702F609	1	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R798
0RD5600F609	1	RESITR,FIXED CARB FILM	560 1/6W 5 TA52	R103
0RD5601F609	4	RESITR,FIXED CARB FILM	5.6K 1/6W 5 TA52	R115,467,737,738
0RD5602F609	4	RESITR,FIXED CARB FILM	56K 1/6W 5 TA52	R420,421,422,423
0RD6800F609	1	RESITR,FIXED CARB FILM	680 1/6W 5 TA52	R457
0RD6801F609	1	RESITR,FIXED CARB FILM	6.8K 1/6W 5 TA52	R755
0RD8200F609	1	RESITR,FIXED CARB FILM	820 1/6W 5 TA52	R735
0RD8201F609	4	RESITR,FIXED CARB FILM	8.2K 1/6W 5 TA52	R192,487,777,778
0RD8202F609	2	RESITR,FIXED CARB FILM	82K 1/6W 5 TA52	R147,484
0TR102009AE	2	TRANSISTOR	KRA102M (KRA2202) TP KEC	Q150,728
0TR102009AF	3	TRANSISTOR	KRC102M,(KRC1202) TP KEC	Q103,115,729
0TR103009AE	2	TRANSISTOR	KRC103M-TP (KRC1203) KEC	Q707,709
0TR103009AF	1	TRANSISTOR	KRA103M-TP (KRA2203) KEC	Q714
0TR126609AA	2	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	Q710,711
0TR126709AB	1	TRANSISTOR	KTA1267-O MINI TP KEC	Q102
0TR127309AA	1	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	Q706
0TR130209AA	5	TRANSISTOR	KTD1302 MUTING TP KEC TO92	Q712,713,715,716,730
0TR319209AA	1	TRANSISTOR	KTC3192-O(KTC380TM) TP	Q101
0TR319809AB	8	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	
0TR319809AB	5	TRANSISTOR	KTC3198-TP-GR (KTC1815)	Q107,108,151,705,718
0TR319809AB	3	TRANSISTOR	KTC3198-TP-GR (KTC1815)	Q722,723,726
0TR320009AA	2	TRANSISTOR	KTC3200-GR (KTC2240) TP	Q719,720
0TR320509AB	2	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	Q717,727
0TR949009AA	1	TRANSISTOR	KTA949-Y(A1024) TP KEC TO-92L	Q721
617T602D	1	CRYSTAL	HC-49/U A720005008 RADIAL	X104
6202S-AJ02A	1	CRYSTAL	HC-49/U RADIAL 4332000HZ	X102
672-001AAAA	0	WIREW SHIELD	TIN WIRE	
672-001AAAA	0	WIREW SHIELD	TIN WIRE	C150
672-001AAAA	0	WIREW SHIELD	TIN WIRE	D711
672-001AAAA	0	WIREW SHIELD	TIN WIRE	FB115,117,701,702,703
672-001AAAA	0	WIREW SHIELD	TIN WIRE	FB704,705,706
672-001AAAA	0	WIREW SHIELD	TIN WIRE	OW104,105,107,108,115
672-001AAAA	0	WIREW SHIELD	TIN WIRE	OW117,118,132
672-001AAAA	0	WIREW SHIELD	TIN WIRE	R451
6870R2177AA	1	PWB(PCB)	JBL C MAIN PHEN FR-1 1LAY	
0CX6800K409	2	CAPCTR TUB(T.C)	68P 50V J SL TA52	C730,731
0RD2200F609	1	RESITR,FIXED CARB FILM	220 1/6W 5 TA52	R725
631T603R	2	FILTER(CIRC),EMI	BFS2545A0F(52MM TP) SAMHWA AX	FB707,708
0RD3902F609	2	RESITR,FIXED CARB FILM	39K 1/6W 5 TA52	R425,429
0CN4710K519	2	CAPCTR TUB(HIGH DIELE)	470P 50V K B TA52	C711,712
0RD2701F609	2	RESITR,FIXED CARB FILM	2.7K 1/6W 5 TA52	R402,797
6920SC0001A	1	RELAY	0MI-SS-212LM ORIGNL 12V 0.044	RY701
GAC+002J	1	*CNCTR ASSY GS	C,AY GSIL-G03/IL-J03 (I)280(S)	PN820
L82+J30S	1	LEAD SET	2.0 UL2877#26 SA-SC 10 300 S	##FOR CN807
L82+L30S	1	LEAD SET	2.0 UL2877#26 SA-SC 12 300 S	##FOR CN602

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0IRH192300A	1	IC,ROHM	BU1923F 16P SOP ST RDS DEMODUL	IC101
576-002V	1	JACK,RCA	S-436*-2P(YL/YL) PARK ELEC .	JK710
0ISS791200A	1	IC,SAMSUNG C415	KA7912 ST REGULATOR IC	IC712
0WR0806N092	1	LEAD WIRE	1007 22 SIN 60 BN 7-7 NA	W775
796-003C	2	CAPCTR,MICA	MICA(25X30)	##FOR IC704, IC703
6871R-2175B	1	PWB(PCB) ASSY,TOTAL	FFH3030 CE FRONT	
6872R-2175B	1	PWB(PCB) ASSY,TOTAL	FFH3030 CE FRONT	
0IMY700000A	1	IC,MSI	MSGEQ7 8P DIP BK 7 BAND GRAPHI	IC302
0IRH693840A	1	IC,ROHM	RPM6938-V4 3P BK REMOCON MODUL	RM301
4930RC0004A	1	HOLDER	FIP(JBL)	
561-640C	1	CNCTR	GL200-03P-TS P=2.0	CN312
561-707T	1	WAFER	52492-2020 J-MOLEX 29PIN 1.25M	CN806
6110S-ET01A	1	VOLUME,ROTARY	EC16B242040M J-ALPS D16 V 24	VR301
616-020PAAA	1	RESONATOR,CERMC	CSA6.00MGU MURATA 6MHZ BK	XT302
617-602F	1	CRYSTAL	SKS941215-01 CTZN WTCH RAD	X301
6302R-V107A	1	DIGITRON	BJ797GNK FUTABA UNVRSL JBL	FLT301
6612R-C007C	1	JACK,RCA	RCA-206-03 YUQIU 2P WH-RD	JK351
6620S-L001A	1	SCKT (CIRC),FIBER OPTIC	GP1F32T SHARP OPTICAL "H"	JK350
6630S-BC034	1	CNCTR (CIRC)	TKC-V30P-A1 TAIKO DENKI 30PIN	CN302
6873R-2175B	1	PWB(PCB) ASSY,TOTAL	FFH3030 CE FRONT	
0CE1046K618	2	CAPCTR,ELTROLYC	0.1M SMS 50V M FL TP(5)	C301,302
0CE1076D618	1	CAPCTR,ELTROLYC	100M SMS 10V M FM5 TP(5)	C344
0CE2276D618	1	CAPCTR,ELTROLYC	220UF SMS 10V M FL TP5	C304
0CE3366F618	1	CAPCTR,ELTROLYC	33M SMS 16V M FL TP(5)	C346
0CE4776D618	3	CAPCTR,ELTROLYC	470M SMS 10V M FL TP(5)	C341,342,343
0CN1020K519	1	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C303
0CN2230H949	1	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52	C345
0CX3000K409	2	CAPCTR TUB(T.C)	30P 50V J SL TA52	C305,307
0CX3300K409	3	CAPCTR TUB(T.C)	33P 50V J SL TA52	C306,308,386
0CX6800K409	1	CAPCTR TUB(T.C)	68P 50V J SL TA52	C387
0DD133009AB	12	DIODE,SWITCHING		
0DD133009AB	5	DIODE,SWITCHING		D301,302,305,308,309
0DD133009AB	5	DIODE,SWITCHING		D311,317,321,322,324
0DD133009AB	2	DIODE,SWITCHING		D327,328
0DL307119EA	2	LED	LTL-307KE-112A TP GREEN	LD303,304
0DZ680009AL	2	DIODE,ZENER	GDZJ6.8B TP DO-34 500MW	ZD301,302
0RD0471F609	2	RESITR,FIXED CARB FILM	4.7 1/6W 5 TA52	R386,390
0RD1001F609	26	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R301,302,303,304,305
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R306,307,308,309,310
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R311,312,324,368,369
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R370,371,372,373,374
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R375,376,377,379,384
0RD1001F609	1	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R385
0RD1002F609	15	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R313,314,315,316,317
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R318,319,327,328,380
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R381,382,383,393,394

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD1201F609	3	RESITR,FIXED CARB FILM	1.2K 1/6W 5 TA52	R340,350,360
0RD1501F609	4	RESITR,FIXED CARB FILM	1.5K 1/6W 5 TA52	R331,341,351,361
0RD1502F609	3	RESITR,FIXED CARB FILM	15K 1/6W 5 TA52	R346,356,366
0RD1800F609	2	RESITR,FIXED CARB FILM	180 1/6W 5 TA52	R320,321
0RD2201F609	3	RESITR,FIXED CARB FILM	2.2K 1/6W 5 TA52	R342,352,362
0RD2203F609	1	RESITR,FIXED CARB FILM	220K 1/6W 5 TA52	R323
0RD2702F609	3	RESITR,FIXED CARB FILM	27K 1/6W 5 TA52	R347,357,367
0RD3300F609	1	RESITR,FIXED CARB FILM	330 1/6W 5 TA52	R329
0RD3301F609	3	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	R343,353,363
0RD3303F609	1	RESITR,FIXED CARB FILM	330K 1/6W 5 TA52	R398
0RD4701F609	3	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R344,354,364
0RD4702F609	1	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R326
0RD4704F609	1	RESITR,FIXED CARB FILM	4.7M 1/6W 5 TA52	R397
0RD6800F609	3	RESITR,FIXED CARB FILM	680 1/6W 5 TA52	R338,348,358
0RD6801F609	1	RESITR,FIXED CARB FILM	6.8K 1/6W 5 TA52	R330
0RD8200F609	3	RESITR,FIXED CARB FILM	820 1/6W 5 TA52	R339,349,359
0RD8201F609	3	RESITR,FIXED CARB FILM	8.2K 1/6W 5 TA52	R345,355,365
0TR102009AF	2	TRANSISTOR	KRC102M,(KRC1202) TP	Q303,304
0TR126609AA	1	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	Q301
0TR319209AA	1	TRANSISTOR	KTC3192-O(KTC380TM) TP	Q302
556-219B	33	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	
556-219B	5	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW301,302,303,304,305
556-219B	5	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW306,307,308,309,310
556-219B	5	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW311,312,313,314,315
556-219B	5	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW316,317,318,319,320
556-219B	5	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW321,322,323,324,325
556-219B	5	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW326,327,328,329,330
556-219B	3	SWITCH,TACT	THVV502GAA PSTCH NON 12V 5A	SW331,332,333
6870R2175AA	1	PWB(PCB)	JBL A,C,C-3 FRONT PHN FR-1 1L	##FRONT PCB
0RD1003F609	1	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R3A1
0RD1004F609	1	RESITR,FIXED CARB FILM	1.0M 1/6W 5 TA52	R3A3
0CE1076K618	1	CAPCTR,ELTROLYC	100UF SMS 50V M FL TP5	C347
0CN1040K949	1	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52	C309
0CN4730K949	1	CAPCTR,TUB(HIGH DIE)	0.047UF 50V Z F TA52	C310
GAC+004F	1	CNCTR ASSY	*C,AY GS IL-G03/IL-J03 (I) 400	CN311
L82+C30S	1	LEAD SET	P=2.0 UL2877#26 SA-SC 3 300 S/	##FOR CN312,PN312
0ICTMSA001A	1	IC,CUSTOMIZED	LC866548V-5T09(866548Y-5T09)	IC301
563-638D	1	CNCTR ASSY	MINA #24,1007GN 3.25O 150	W3A2
6871RP2178B	1	(PCB) ASSY,POWER(MULTI)	FFH3030 CE POWER	
6872RP2178B	1	(PCB) ASSY,POWER(MU	FFH3030 CE POWER	
0CE1076L630	1	CAPCTR,ELTROLYC	100M SMS 63V M FM(5)	C615
0DR154020AA	4	DIODE,RECTIFIER	1N5402-10C BK GULF D469	D604,605,611,615
0DR610000AA	2	DIODE,RECTIFIER	KBU6G-10C BK GULF	D602,603
0IKE780500Q	1	IC,KEC	KIA7805API 3P TO-220 ST REGULA	IC604
0IKE781200P	1	IC,KEC	KIA7812API TO220 ST 3P 12V REG	IC601
0IKE781200R	1	IC,KEC	KIA78R12PI 4P TO-220-4 ST SW R	IC602
614-013C	1	RESITR	RCR50,2.2M,J,M15	R601
255-561E	2	HEAT SINK	H=45 X=20(FR-505)	##FOR IC602,IC604
255-717A	2	HEAT SINK	DIODE(GSA-PA10/FA-5000)	##FOR D602,D603
353-025C	3	SCREW	TAPTITE 3X10 FBK	##FOR D612,D613.IC602

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
561-640J	1	CNCTR	GL200-10P-TS P=2.0 HOLDER	CN601
561-643L	1	CNCTR	52151-1210 K-MOLEX 12PIN 2.0MM	PN602
561-910C	2	CNCTR	TERMINAL SEMKO PCB-ROCKING	TM601,602
586-001C	12	FUSE HOLDER	PIN-T 5X20 KS (S)	
586-001C	5	FUSE HOLDER	PIN-T 5X20 KS (S)	F602A,602B,603A,603B,604A
586-001C	5	FUSE HOLDER	PIN-T 5X20 KS (S)	F604B,605A,605B,606A,606B
586-001C	2	FUSE HOLDER	PIN-T 5X20 KS (S)	F607A,607B
6170RCM05ZD	1	TRANSFORMER,POWER	115/230V 5/60HZ 85.8X50 DONGYA	T601
6873RP2178B	1	(PCB) ASSY,POWER(M	FFH3030 CE POWER	
0CE1056K618	1	CAPCTR,ELTROLYC	1.0M SMS 50V M FL TP(5)	C618
0CE3356K618	1	CAPCTR,ELTROLYC	3.3M SMS 50V M FL TP(5)	C619
0CE4766F618	1	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	C601
0CE4766K618	3	CAPCTR,ELTROLYC	47M SMS 50V M FM5 TP(5)	C610,616,617
0CE4776F618	1	CAPCTR,ELTROLYC	470UF SMS 16V M FL TP5	C614
0CQ2231N409	12	CAPCTR,POLY(MYLAR)	0.022U 100V J POLY TP	
0CQ2231N409	5	CAPCTR,POLY(MYLAR)	0.022U 100V J POLY TP	C602,603,604,605,606
0CQ2231N409	5	CAPCTR,POLY(MYLAR)	0.022U 100V J POLY TP	C607,608,609,620,621
0CQ2231N409	2	CAPCTR,POLY(MYLAR)	0.022U 100V J POLY TP	C622,623
0DD133009AB	1	DIODE,SWITCHING		D610
0DR102109AA	4	DIODE,RECTIFIER	RL102-10C TP GULF	D612,613,614,650
0DZ330009AR	1	DIODE,ZENER	GDZJ33D TP DO-34 500MW	ZD601
0DZ620009AF	1	DIODE,ZENER	GDZJ6.2B TP DO-34 500MW	ZD602
0RD1802F609	1	RESITR,FIXED CARB FILM	18K 1/6W 5 TA52	R609
0RD5601F609	1	RESITR,FIXED CARB FILM	5.6K 1/6W 5 TA52	R608
0RD4701F609	2	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R604,605
0RD4702F609	1	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R607
0RD5600F609	1	RESITR,FIXED CARB FILM	560 1/6W 5 TA52	R606
0TR127309AA	1	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	Q603
672-001AAAA	0	WIREW SHIELD	TIN WIRE	OW601,602,605,610,612
6870R2178AA	1	PWB(PCB)	JBL C POWER PHEN FR-1 1LAY	
L82+J30S	1	LEAD SET	P=2.0 UL2877#26 SA-SC 10 300 S	##FOR CN601
563-638D	1	CNCTR ASSY	MINA #24,1007GN 3.25O 150	W622
255-561H	1	HEAT SINK	AL EX H=65 X=20	##FOR IC601
0CE1086F630	1	CAPCTR,AL.ELTROLYC	1000M SMS 16V M FM5	C613
6871RG2182B	1	ASSY,DECK(AUDIO)	JBL A,C,C-3 DECK	
6872RG2182B	1	PWB(PCB) ASSY,DECK(AUD	JBL A,C,C-3 DECK	
0IKE628900A	1	IC,KEC	KIA6289N (=0IKE818900A)NDIP-24	IC202
0IRH209000A	1	IC,ROHM	BU2090F 16PIN SOP BK EXPANDER	IC203
0IRH312600A	1	IC,ROHM	BA3126N . BK HI VOL. HEAD	IC201
0RV1472D230	1	VR RESITR,CARB FILM	4.7K 6 ST P3 L2.5 5	VR201
561-686T	1	CNCTR	00-8370-201-000-800 ELCO	PN205
6140SCR001A	1	COIL,OSCILLATOR	LKS75M00-X000291-0 KWANG	L201
6630R-BF03C	1	CNCTR (CIRC),PCB TO PCB	JE121-03 JAE EUN 3PIN 2.54MM B	PN201
6630R-BF03F	1	CNCTR (CIRC),PCB TO PCB	JE121-06 JAE EUN 6PIN 2.54MM B	PN202
6630R-BF03J	2	CNCTR (CIRC),PCB TO PCB	JE121-10 JAE EUN 10PIN 2.54MM	PN203,204
6873RG2182B	1	PWB(PCB) ASSY,DECK(AU	JBL A,C,C-3 DECK	
0CE1066J618	5	CAPCTR,ELTROLYC	10M SMS 35V M FL TP(5)	C220,229,234,241,243
0CE1076F618	3	CAPCTR,ELTROLYC	100M SMS 16V M FM5 TP(5)	C216,223,235

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0CE2256K618	3	CAPCTR,ELTROLYC	2.2M SMS 50V M FL TP(5)	C205,206,236
0CE4756K618	3	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	C221,228,248
0CE4766F618	3	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	C237,239,242
0CN1020K519	2	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C238,240
0CN1040K949	5	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52	C254,255,256,257,258
0CN1220F669	5	CAPCTR TUB(HIGH DIELE)	1200P 16V M X TA52	C201,202,209,210,213
0CN1520F569	2	CAPCTR,TUB(HIGH DIE)	1500PF 16V K X TA52	C249,250
0CN1820F669	2	CAPCTR TUB(HIGH DIELE)	1800P 16V M X TA52	C203,208
0CN2210K519	4	CAPCTR TUB(HIGH DIELE)	220P 50V K B TA52	C211,212,251,252
0CN2220F669	2	CAPCTR TUB(HIGH DIELE)	2200P 16V M X TA52	C244,246
0CN2230H949	3	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52	C253,259,260
0CN3310K519	6	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	
0CN3310K519	5	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	C225,226,230,232,245
0CN3310K519	1	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	C247
0CN3320F669	2	CAPCTR,TUB(HIGH DIE)	3300PF 16V M X TA52	C204,207
0CN4730K949	2	CAPCTR,TUB(HIGH DIE)	0.047UF 50V Z F TA52	C215,261
0CQ1021N409	1	CAPCTR,POLY(MYLAR)	0.001U 100V J POLY TP	C219
0CQ1031N409	2	CAPCTR POLY(MYLAR)	0.01UF 100V J PE TP	C227,233
0CQ1531N409	1	CAPCTR POLY(MYLAR)	0.015U 100V J POLY TP	C218
0CQ5621N409	1	CAPCTR POLY(MYLAR)	0.0056U 100V J POLY TP	C214
0CQ5631N409	1	CAPCTR,POLY(MYLAR)	0.056U 100V J POLY TP	C217
0DD133009AB	4	DIODE,SWITCHING		D202,203,204,205
0RD0102F609	1	RESITR,FIXED CARB FILM	10 1/6W 5 TA52	R234
0RD0222F609	3	RESITR,FIXED CARB FILM	22 1/6W 5 TA52	R231,232,290
0RD0682F609	2	RESITR,FIXED CARB FILM	68 1/6W 5 TA52	R202,212
0RD1001F609	2	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R276,277
0RD1002F609	17	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R223,227,233,246,252
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R254,256,258,262,279
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R282,284,287,288,289
0RD1002F609	2	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R291,293
0RD1003F609	10	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	
0RD1003F609	5	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R201,208,211,218,221
0RD1003F609	5	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R225,229,260,261,280
0RD1202F609	6	RESITR,FIXED CARB FILM	12K 1/6W 5 TA52	
0RD1202F609	5	RESITR,FIXED CARB FILM	12K 1/6W 5 TA52	R205,215,255,257,259
0RD1202F609	1	RESITR,FIXED CARB FILM	12K 1/6W 5 TA52	R263
0RD1501F609	3	RESITR,FIXED CARB FILM	1.5K 1/6W 5 TA52	R278,285,286
0RD1502F609	2	RESITR,FIXED CARB FILM	15K 1/6W 5 TA52	R204,214
0RD1801F609	2	RESITR,FIXED CARB FILM	1.8K 1/6W 5 TA52	R206,216
0RD1802F609	3	RESITR,FIXED CARB FILM	18K 1/6W 5 TA52	R235,294,298
0RD2201F609	3	RESITR,FIXED CARB FILM	2.2K 1/6W 5 TA52	R209,219,230
0RD2202F609	2	RESITR,FIXED CARB FILM	22K 1/6W 5 TA52	R247,253
0RD2703F609	1	RESITR,FIXED CARB FILM	270K 1/6W 5 TA52	R240
0RD3902F609	1	RESITR,FIXED CARB FILM	39K 1/6W 5 TA52	R29A
0RD3903F609	2	RESITR,FIXED CARB FILM	390K 1/6W 5 TA52	R203,213
0RD4700F609	2	RESITR,FIXED CARB FILM	470 1/6W 5 TA52	R239,29D
0RD4701F609	13	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	
0RD4701F609	5	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R236,245,251,264,265
0RD4701F609	5	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R266,267,268,269,271

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD4701F609	3	RESITR,FIXED CARB FILM	4.7K 1/6W 5 TA52	R272,273,283
0RD4702F609	8	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	
0RD4702F609	5	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R237,238,241,242,243
0RD4702F609	3	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R248,249,29B
0RD5600F609	2	RESITR,FIXED CARB FILM	560 1/6W 5 TA52	R210,220
0RD5601F609	3	RESITR,FIXED CARB FILM	5.6K 1/6W 5 TA52	R224,228,281
0RD5602F609	3	RESITR,FIXED CARB FILM	56K 1/6W 5 TA52	R207,217,29C
0RD8201F609	4	RESITR,FIXED CARB FILM	8.2K 1/6W 5 TA52	R295,296,297,299
0TR102009AF	2	TRANSISTOR	KRC102M,(KRC1202) TP	Q205,213
0TR126609AA	1	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	Q215
0TR127309AA	3	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	Q214,218,219
0TR319809AB	8	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	
0TR319809AB	5	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	Q201,204,206,207,208
0TR319809AB	3	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	Q209,210,211
0TR320509AB	1	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	Q202
672-001AAAA	5	WIREW SHIELD	TIN WIRE	
672-001AAAA	0	WIREW SHIELD	TIN WIRE	D201
672-001AAAA	0	WIREW SHIELD	TIN WIRE	FB201,202,203,204
6870R2182AA	1	PWB(PCB)	JBL A,C,C-3 DECK PHEN FR-1 1LA	
631T603R	2	FILTER(CIRC),EMI	BFS2545A0F(52MM) SAMHWA AX	FB205,206
0RD3301F609	2	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	R222,226
0CE3366F618	2	CAPCTR,ELTROLYC	33M SMS 16V M FL TP(5)	C224,231
0RD2702F609	2	RESITR,FIXED CARB FILM	27K 1/6W 5 TA52	R244,250
0WR0806N092	1	LEAD WIRE	1007 22 SIN 60 BN 7-7 NA	W278
6871S-38KAG	1	PWB(PCB) ASSY,TOTAL	JBL 3CD MAIN ASSY (OPTICAL)	
6872S-38KAG	1	PWB(PCB) ASSY,TOTAL	JBL 3CD MAIN ASSY (OPTICAL)	
0ISS922300A	1	IC,SAMSUNG	KB9223 80P QFP BK CD ASP	IC801
0ISS928600B	1	IC,SAMSUNG	KS9286B 80P QFP BK DSP	IC802
0ISS925800A	1	IC,SAMSUNG	KA9258D-T1 4CH DRIVER,S/S	IC803
0ISS830100B	1	IC,SAMSUNG	KA8301 10PIN SIP BK CD MOTOR	IC804
0ISS308200A	1	IC,SAMSUNG	KA3082 10-SIP BK MOTOR DRIVE	IC805
617T602E	1	CRYSTAL	HC49/U B169346008 KNY RADIAL	X801
6630S-FB07P	1	CNCTR (CIRC),FFC/FPC	00-6232-016-008-800 ELCO	PN801
561-711BAAA	1	CNCTR	*WAFER,G/S GIL-S-02P-S2T2-EF	PN802
561-711F	1	CNCTR	*WAFER,G/S GIL-S-06P-S2T2-EF	PN803
561-711DAAA	1	CNCTR	GIL-S-04P-S2T2-EF LG CABLE 4PI	PN804
561-711EAAA	1	CNCTR	*WAFER,G/S GIL-S-05P-S2T2-EF	PN805
561-686T	1	CNCTR	00-8370-201-000-800 ELCO	PN806
561-644J	1	CNCTR	52147-1010 K-MOLEX 10PN 2.0MM	PN807
561-716C	1	CNCTR	GIL-G-03P-S3L2-E LG CABLE 3PIN	TP801
4810S-7829A	2	BRACKET	CD MOTOR(0.3T)NEW-MD	BK801,802
6873S-38KAG	1	PWB(PCB) ASSY,TOTAL	JBL 3CD MAIN ASSY (OPTICAL)	
6870S-38KAA	1	PWB(PCB),TOTAL	PCB(3 CD MAIN, S/S)	##CD PCB
0TR126609AB	1	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	Q801
0DD133009AB	1	DIODE,SWITCHING		D801
0DZ390009AC	1	DIODE,ZENER	GDZJ3.9B TP DO-34 500MW	ZD801
0DZ510009AH	1	DIODE,ZENER	GDZJ5.1B TP DO-34 500MW	ZD803
0RD0182F609	1	RESITR,FIXED CARB FILM	18 1/6W 5 TA52	R848
0RD0222F609	1	RESITR,FIXED CARB FILM	22 1/6W 5 TA52	R801
0RD1000F609	2	RESITR,FIXED CARB FILM	100 1/6W 5 TA52	R863,864

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0RD2200F609	2	RESITR,FIXED CARB FILM	220 1/6W 5 TA52	R865,899
0RD1001F609	13	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R824,850,851,852,853
0RD1001F609	5	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R854,855,856,857,858
0RD1001F609	3	RESITR,FIXED CARB FILM	1.0K 1/6W 5 TA52	R859,877,878
0RD3301F609	2	RESITR,FIXED CARB FILM	3.3K 1/6W 5 TA52	R845,847
0RD5601F609	7	RESITR,FIXED CARB FILM	5.6K 1/6W 5 TA52	
0RD5601F609	5	RESITR,FIXED CARB FILM	5.6K 1/6W 5 TA52	R849,882,883,884,892
0RD5601F609	2	RESITR,FIXED CARB FILM	5.6K 1/6W 5 TA52	R893,894
0RD8201F609	6	RESITR,FIXED CARB FILM	8.2K 1/6W 5 TA52	
0RD8201F609	5	RESITR,FIXED CARB FILM	8.2K 1/6W 5 TA52	R837,844,867,871,874
0RD8201F609	1	RESITR,FIXED CARB FILM	8.2K 1/6W 5 TA52	R876
0RD1002F609	5	RESITR,FIXED CARB FILM	10K 1/6W 5 TA52	R834,836,841,870,872
0RD1502F609	4	RESITR,FIXED CARB FILM	15K 1/6W 5 TA52	R808,820,831,835
0RD1802F609	3	RESITR,FIXED CARB FILM	18K 1/6W 5 TA52	R821,873,875
0RD2702F609	5	RESITR,FIXED CARB FILM	27K 1/6W 5 TA52	R846,880,881,890,891
0RD3902F609	1	RESITR,FIXED CARB FILM	39K 1/6W 5 TA52	R868
0RD5602F609	1	RESITR,FIXED CARB FILM	56K 1/6W 5 TA52	R827
0RD4702F609	3	RESITR,FIXED CARB FILM	47K 1/6W 5 TA52	R829,832,869
0RD6802F609	5	RESITR,FIXED CARB FILM	68K 1/6W 5 TA52	R802,803,805,806,866
0RD8202F609	3	RESITR,FIXED CARB FILM	82K 1/6W 5 TA52	R804,807,833
0RD1003F609	5	RESITR,FIXED CARB FILM	100K 1/6W 5 TA52	R823,828,842,885,895
0RD1503F609	4	RESITR,FIXED CARB FILM	150K 1/6W 5 TA52	R822,825,830,840
0RD1803F609	1	RESITR,FIXED CARB FILM	180K 1/6W 5 TA52	R814
0RD4703F609	1	RESITR,FIXED CARB FILM	470K 1/6W 5 TA52	R813
0RD1004F609	1	RESITR,FIXED CARB FILM	1.0M 1/6W 5 TA52	R843
0RD2204F609	1	RESITR,FIXED CARB FILM	2.2M 1/6W 5 TA52	R812
0CX2R20K419	1	CAPCTR,TUB(T.C)	2.2PF 50V J NP0 TA52	C805
0CX4700K409	2	CAPCTR TUB(T.C)	47P 50V J SL TA52	C851,852
0CN1010K519	1	CAPCTR TUB(HIGH DIELE)	100P 50V K B TA52	C831
0CN1510K519	2	CAPCTR,TUB(HIGH DIE)	150P 50V K B TA52	C881,891
0CN3310K519	2	CAPCTR TUB(HIGH DIELE)	330P 50V K B TA52	C883,893
0CN5610K519	1	CAPCTR TUB(HIGH DIELE)	560P 50V K B TA52	C823
0CN1020K519	8	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	
0CN1020K519	5	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C802,827,836,867,868
0CN1020K519	3	CAPCTR TUB(HIGH DIELE)	1000P 50V K B TA52	C887,889,897
0CN1520F569	4	CAPCTR,TUB(HIGH DIE)	1500PF 16V K X TA52	C810,850,882,892
0CN2220F669	1	CAPCTR TUB(HIGH DIELE)	2200P 16V M X TA52	C828
0CN4720F669	4	CAPCTR TUB(HIGH DIELE)	4700P 16V M X TA52	C806,830,885,895
0CN6820F669	1	CAPCTR TUB(HIGH DIELE)	6800P 16V M X TA(52)	C837
0CN1030F679	10	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52	
0CN1030F679	5	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52	C807,811,814,825,826
0CN1030F679	5	CAPCTR TUB(HIGH DIELE)	10000P 16V M Y TA52	C832,846,849,855,862
0CN2230H949	2	CAPCTR TUB(HIGH DIELE)	22000P 25V Z FTA52	C840,854
0CN4730K949	1	CAPCTR,TUB(HIGH DIE)	0.047UF 50V Z F TA52	C848
0CN1040K949	9	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52	
0CN1040K949	5	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52	C822,824,841,842,857
0CN1040K949	4	CAPCTR,TUB(HIGH DIE)	0.1M 50V Z F TA52	C860,861,864,866
0CQ3331N409	3	CAPCTR POLY(MYLAR)	0.033U 100V J POLY TP	C815,821,843
0CQ6831N409	1	CAPCTR POLY(MYLAR)	0.068U 100V J POLY TP	C833

PART#	QTY	DESCRIPTION		LOCATION/REF. DESIGNATOR
0CK1020K945	1	CAP,CERMC(HIGH DIELE)	1000PF 50V Z F TR	C856
0CE4746K618	2	CAPCTR,ELTROLYC	0.47M SMS 50V M FL TP(5)	C844,845
0CE1056K618	2	CAPCTR,ELTROLYC	1.0M SMS 50V M FL TP(5)	C808,888
0CE4756K618	6	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	
0CE4756K618	5	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	C812,817,880,884,890
0CE4756K618	1	CAPCTR,ELTROLYC	4.7M SMS 50V M FL TP(5)	C894
0CE1066J618	1	CAPCTR,ELTROLYC	10M SMS 35V M FL TP(5)	C834
0CE4766F618	3	CAPCTR,ELTROLYC	47M SMS 16V M FL TP(5)	C803,809,813
0CE1076D618	4	CAPCTR,ELTROLYC	100M SMS 10V M FM5 TP(5)	C801,816,847,859
0CE4776D618	2	CAPCTR,ELTROLYC	470M SMS 10V M FL TP(5)	C835,853
0CE4776F618	1	CAPCTR,ELTROLYC	470UF SMS 16V M FL TP5	C865
0DZ470009AD	1	DIODE,ZENER	GDZJ4.7B TP DO34 500MW	ZD804
0RD1202F609	1	RESITR,FIXED CARB FILM	12K 1/6W 5 TA52	R809
561-715C	1	CNCTR	GIL-G-03P-S3T2-E LG CABLE 3PIN	CN820
3300SCF002L	1	PLATE	JBL30(PAD ONE PACKING)	
0FT4001B510	2	FUSE,TIME LAG	4000MA 250 V 5.2X20 CY/GL ECT	F606,607
0FT4001B512	2	FUSE,TIME LAG	4A 250V 5.2X20 CY/GL UL/CSA	
0FT5001B510	2	FUSE,TIME LAG	5000MA 250 V 5.2X20 CY/GL ECT	F603,604
0FT5001B512	2	FUSE,TIME LAG	5A 250V 5.2X20 CY/GL UL/CSA	
0FT6301B510	2	FUSE,TIME LAG	6300MA 250 V 5.2X20 CY/GL ECT	F602,605
0FT6301B512	2	FUSE,TIME LAG	6300MA 250 V 5.2X20 CY/GL UL /	
6630R-BF06J	2	CNCTR (CIRC),PCB TO PCB	JE11T-D15T-10 JAE EUN 10PIN 2.	##FOR DECK
6850RCHT24A	2	CABLE,FLAT	P=1.25 FFC UL2896(0.05X0.8) 20	##FOR CD TO FNT & MAIN TO DECK
3300RCE001B	1	PLATE	EPS (JBL SG3030 TOP)	##EPS FON ONE-PACKING
563-648D	1	CNCTR ASSY	ECTOR AY 150 CODE A UL	
6850RCGP24A	1	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 16	CN801